



2010 Salmon Recovery Grant Funding Report

November 19, 2010

The Salmon Recovery Funding Board (SRFB) initiated its 2010 grant round in February, and is scheduled to make funding decisions at its December 10, 2010 meeting in Olympia.

The SRFB seeks comments from the public, lead entities, regional organizations, and their partners on this report in preparation for action in December.

This report is available online at

http://www.rco.wa.gov/documents/salmon/eval_results/2010fundingreport.pdf. Please mail or e-mail comments on this report to the following address before noon, December 8, 2010.

Salmon Recovery Funding Board
c/o Moriah Blake
PO Box 40917
Olympia, WA 98504-0917

E-mail: Moriah.Blake@rco.wa.gov

Telephone: (360) 902-3086

TTD: (360) 902-1996

For other SRFB information, please call (360) 902-3000 or check the Web site at www.rco.wa.gov.



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Part I – Introduction

Introduction

The Legislature created the Salmon Recovery Funding Board (SRFB) in 1999 to provide grants to protect and restore salmon habitat. The SRFB works closely with local watershed groups known as lead entities¹ to identify projects for funding. In its first ten funding cycles, the SRFB has administered more than \$450 million of state and federal funds to help finance more than 1,558 projects statewide. This report presents information on the process used to review the 2010 applications, the SRFB Review Panel evaluations projects, and staff analysis for the SRFB to consider at its December 10, 2010 meeting in Olympia.

Table 1: Regional Allocation Formulas

Regional Salmon Recovery Area	2008-2010 Regional Allocation Percent of Total	2010 Allocation based on \$20.1 million
Hood Canal – Summer Chum	2.35%	\$472,350
Lower Columbia River	15%	\$3,015,000
Middle Columbia River	9.87%	\$1,983,870
Northeast Washington	2%	\$402,000
Puget Sound, including Hood Canal	42.04%	\$8,450,040
Snake River	8.88%	\$1,784,880
Upper Columbia River	10.85%	\$2,180,850
Washington Coast	9%	\$1,809,000

Elements of the 2010 Grant Round

The basic elements of a regional allocation approach that carried over from the previous funding cycles include:

- Reliance on regional salmon recovery plans and lead entity strategies.
- Review of individual projects by the SRFB to identify projects of concern.
- Provision of flexibility, recognizing different circumstances across the state.
- Efficiencies by shortening the grant schedule and reducing evaluation steps.

¹ Lead entity groups, authorized under Revised Code of Washington Chapter 77.85, are established in a local area by agreement between the county, cities, and tribes. The groups choose a coordinating organization as the lead entity, which creates a citizen committee to prioritize projects. Lead entities also have a technical advisory group to evaluate the scientific and technical merits of projects. Consistent with state law and SRFB policies, all projects seeking funding must be reviewed and prioritized by a lead entity to be considered by the SRFB.

- Streamlined process while transitioning toward more use of regional recovery plans, where such plans are in place or being developed.

The SRFB also committed to continuing the following key principles:

- Salmon recovery funds will be allocated regionally.
- The SRFB Review Panel will not evaluate the quality of lead entity strategies that are part of recovery plans already submitted to the Governor’s Salmon Recovery Office and National Oceanic and Atmospheric Administration’s National Marine Fisheries Service.
- The evaluation process will be collaborative. The SRFB Review Panel will work with lead entities and project applicants early to address the project design issues and reduce the likelihood that projects submitted become “projects of concern.”
- Each region exhibits different complexities, ranging from varying numbers of watersheds to areas with vastly differing sizes of human populations. These complexities require different approaches to salmon recovery.
- Lead entities will continue to be a crucial and fundamental part of the recovery effort.
- Support continues for areas not included in regional recovery plans (coast and northeast).
- A statewide strategic approach to salmon recovery will continue.
- Funds must be used efficiently to address both listed and non-listed species.

In February 2010, the SRFB adopted Manual 18 with several changes that were a result of what the SRFB, regions, lead entities, sponsors, review panel, and Recreation and Conservation Office (RCO) staff believe would improve the grant process.

Puget Sound Acquisition and Restoration Funds

The state 2009-11 capital budget included \$33 million to accelerate implementation of the Puget Sound Partnership salmon recovery effort. These funds were requested by the Governor as part of her initiative to protect and restore Puget Sound by 2020. The budget directed the SRFB to distribute these funds in coordination with the Puget Sound Partnership.

Allocation Method

Grants from the Puget Sound Acquisition and Restoration (PSAR) Fund are allocated to lead entities and watershed planning areas using the distribution formula recommended by the Puget Sound Salmon Recovery Council and approved by the Puget Sound Partnership’s Leadership Council. Each watershed or lead entity compiles a list of projects for the amount allocated to it and the SRFB awards funding based on review and approvals described in the process section of this report. A majority of the funds were allocated in the 2009 grant round. At the October 2010 board meeting, the SRFB allocated the remaining PSAR funds to projects. See table below for more information.

Table 2: Puget Sound Acquisition and Restoration Fund Grants Awarded October 7, 2010

Lead Entity	Project Number	Project Name	Project Sponsor	SRFB Amount	PSAR Amount	Match	Total
Mason County	10-1776	Midway Creek Fish Barrier Removal	South Puget Sound SEG	\$100,676	\$192,398	\$52,000	\$345,066
	10-1779	Case Inlet Shoreline Enhancement	South Puget Sound SEG	\$79,442	\$40,050	\$22,050	\$141,550
	10-1781	Squaxin Island Pier and Bulkhead Removal	South Puget Sound SEG	\$80,000	\$62,500	\$24,500	\$168,000
Nisqually	10-1872	Tanwax Nisqually Confluence Acquisition	Nisqually River Land Trust		\$166,803	\$29,500	\$196,303 <i>Project Alternate²</i>
NOBLE	10-1496	Dungeness Habitat Protection	Jamestown S'Klallam Tribe		\$182,000	\$60,000	\$242,000
	10-1509	Pysht Floodplain Acquisition Phase 2	North Olympic Land Trust	\$213,798	\$203,661	\$73,670	\$491,130
	10-1890	Pysht Floodplain Acquisition Phase 3	North Olympic Land Trust		\$221,262	\$39,046	\$260,308 <i>Project Alternate³</i>
Pierce	10-1863	Calistoga Setback Levee-Construction	City of Orting	\$313,880	\$907,000	\$4,192,975	\$5,413,855
	10-1877	SPC Floodplain Acquisition	Pierce Conservation		\$334,475	\$59,052	\$395,500
San Juan	10-1739	Thatcher Bay Nearshore Restoration Implementation	Skagit Fisheries Enhancement Group	\$141,379	\$149,522	\$24,950	\$166,329
	10-1789	Wild Salmon Recovery in San Juan County	Friends of the San Juans		\$159,999	\$28,240	\$188,239

² Project Alternate Status: Funding provided only as money is returned from that lead entity.

³ Project Alternate Status: Funding provided only as money is returned from that lead entity.

Lead Entity	Project Number	Project Name	Project Sponsor	SRFB Amount	PSAR Amount	Match	Total
Skagit	10-1927	Skagit Tier 1 and 2 Floodplain Protection	Skagit Land Trust	\$25,190	\$455,115	\$84,760	\$565,065 <i>See footnote⁴</i>
	10-1852	Howard Miller Steelhead Off Channel Enhancement	Skagit Fisheries Enhancement Group		\$185,940	\$34,780	\$220,720
Snohomish	10-1365	Stillwater Floodplain Restoration Construction	Wild Fish Conservancy	\$240,752	\$240,248	\$204,814	\$685,814
Stillaguamish	09-1410	Port Susan Bay Restoration	The Nature Conservancy	\$249,210	\$750,789	\$1,000,000	\$2,000,000
Thurston	10-1773	McLane Creek Watershed Project Development	South Puget Sound SEG		\$72,125	\$12,750	\$84,875
	10-1782	WRIA 13 Water Type Assessment Phase 3	Wild Fish Conservancy	\$20,000	\$68,700	\$15,700	\$104,400
	10-1784	Deschutes River ELJ LWD Design	Thurston Conservation District	\$29,151	\$84,710		\$113,861
	10-1757	Gull Harbor Estuary Barrier Removal	Capitol Land Trust		\$165,089	\$29,133	\$194,222
	10-1895	Boston Harbor Road Culvert Design	South Puget Sound SEG		\$60,000		\$64,501
West Sound	10-1875	Penrose Point Bulkhead Removal Final Design	South Puget Sound SEG		\$90,000		\$90,000
	10-1878	West Sound Water Type Assessment Phase 2	Wild Fish Conservancy	\$100,000	\$100,000	\$37,500	\$237,500
	10-1879	Chico Creek Phase 3 Design	Kitsap County	\$48,115	\$21,557		\$69,672
	10-1882	West Bainbridge Shoreline Protection Feasibility	Bainbridge Island Land Trust		\$35,000	\$9,000	\$44,000
WRIA 1	10-1300	SF Saxon Reach Project Construction	Lummi Nation		\$1,091,388	\$296,000	\$1,387,388
	10-1777	Maple Creek Acquisition	Whatcom Land Trust		\$255,935	\$45,165	\$301,100

⁴ Original project was split into two separate projects because it had two sponsors. See project #10-1769.

Lead Entity	Project Number	Project Name	Project Sponsor	SRFB Amount	PSAR Amount	Match	Total
		and Restoration					
	10-1806	SF Nooksack Cavanaugh Island Restoration	Lummi Nation		\$84,204		
	10-1807	South Fork DS of Hutchinson Creek ELJ Design	Nooksack Tribe		\$68,540		
	10-1808	SF Black Slough Reach ELJ Design	Nooksack Tribe		\$68,540		
	10-1842	Nooksack Fork and Tributaries Riparian Restoration	NSEA	\$88,743	\$103,707	\$38,182	\$230,632
WRIA 8	10-1360	South Lake Washington DNR Shoreline Restoration	WA State DNR		\$300,000	\$643,897	\$943,897
	10-1520	Royal Arch Acquisition Phase 2	Seattle Public Utilities	\$12,881	\$275,496	\$300,000	\$588,377
	10-1699	Cedar River Elliot Bridge Acquisition 2	King County		\$300,000	\$100,000	\$400,000
WRIA 9	10-1605	Duwamish Gardens Estuarine Rehabilitation	City of Tukwila	\$165,544	\$31,755	\$52,929	\$250,228
			Totals	\$2,247,687	\$7,140,443	\$7,526,807	\$16,462,164

Part II – Review Panel Comments

The SRFB Review Panel contributed to Part II of this report, emphasizing its project review process and results. As noted previously, the work of the review panel did not involve review of the regional processes used to develop project lists.

The SRFB's Review Panel was established to objectively review proposed projects developed in each of the lead entity areas. The purpose of the review panel is to help ensure that SRFB-funded projects create actual benefits to salmon, have costs that do not outweigh the anticipated benefits, and have a high likelihood of being successful.

The review panel does not rate, score, rank, or advocate for projects, rather it assesses the technical merits of proposed projects statewide. To do so, review panel members review project applications, conduct site visits, and provide feedback to lead entities and applicants on proposed projects. Technical feedback provided by the review panel is designed to improve project concepts and overall benefits to fish and to achieve the greatest results for SRFB dollars invested.

The SRFB's Review Panel is composed of eight members. Attachment 2 contains short biographies of review panel members. The technical members are experts in salmon recovery with a broad range of knowledge in salmon habitat restoration and protection approaches, watershed processes, ecosystem approaches to habitat restoration and protection, and strategic planning. Members also have expertise in a number of different project types (passage, near-shore, assessments, acquisition, in-stream, etc.).

Project Review

The review panel worked throughout the year reviewing projects both before and after the application deadline. This was intended to help lead entities and sponsors improve their project concepts and benefits to fish. The benefit and certainty criteria used by the review panel in its evaluation of projects is in Manual 18, Appendix E. The information for all of the panel's project evaluations and other comments in this report included:

- Early project site visits and consultations.
- Observations from attendance at local technical and citizens committee project evaluation and ranking processes used by lead entities and regional organizations.
- Information submitted with applications by lead entities and regional organizations.
- Discussions with lead entities, project sponsors, and regional organizations during the regional area project meetings from September 27-30.

Evaluation of Projects – All Regions and Areas

For the 2010 grant round, the SRFB continued the regional pre-allocation funding approach and region-based review methods for most areas of the state. In addition, it continued with its policy to review all projects to identify projects of concern that failed to meet the SRFB's "low benefit" and "low certainty" criteria. This portion of the panel's report presents the project of concern review process and determinations.

Compared to past rounds, the 2010 project review process involved an upfront effort to provide early feedback to project sponsors, lead entities, and regional organizations. Starting in early spring 2010, and well before the August 25, 2010 application deadline, the panel visited many sites and participated in field and office reviews of potential projects around the state. To provide early feedback to project sponsors, the review panel met in June and again in July to discuss all projects that had been visited and offer comments from the full panel for those projects that were flagged during the early application review.

After these pre-application project reviews, 159 projects were submitted to SRFB for consideration. To stress to lead entities and sponsors the need for more or complete information, the review panel used the "Need More Information" (NMI) category in the pre-application phase of the process. In most cases for projects labeled NMI, providing the additional information addressed the concern. If the panel saw potential issues with the project the panel "flagged" the project and specifically identified what the concerns were and how the sponsor could address them. For those projects that remained flagged after the application deadline they were asked to attend the regional area project meeting to discuss in detail with the review panel. The purpose of the regional area project meeting is to have regions present their entire project list and if there are any project issues identified, have the lead entity and project sponsor address directly with the review panel.

In early October after the September regional area project meetings, the panel evaluated all projects to determine if any had low benefit to salmon, low certainty of being successful, or were not cost-effective. Any projects not meeting one or more of these SRFB criteria were identified as a project of concern. The panel did not otherwise rate, score, or rank projects. Panel determinations were made available to lead entities and regional organizations on October 8th.

Projects of Concern

Of the 159 projects submitted, only one was labeled a project of concern as of November 19th. Attachment 3 contains SRFB evaluation criteria for projects; Attachment 4 contains the evaluation forms for each project of concern. The review panel also conditioned 11 projects it felt needed to meet conditions for approval. These evaluation forms can be found also in Attachment #4.

Table 3: Number of Projects and Projects of Concern

Lead Entity	Projects Reviewed	Projects Submitted by Application Deadline		Final Projects of Concern	Projects Withdrawn
		Projects	Alternates		
Chelan County	11	9	2	0	3
Foster Creek	0	0	0	0	0
Grays Harbor County	16	4	0	0	0
Hood Canal Coordinating Council	14	8	2	0	0
Island County	3	1	0	0	0
Kalispel Tribe/Pend Oreille	10	3	2	0	0
Klickitat County	6	4	0	0	0
Lower Columbia Fish Recovery Board	18	11	3	0	2
WRIA 14 Mason Conservation District	5	3	0	0	0
Nisqually River Salmon Recovery	5	4	2	0	0
North Olympic Peninsula	6	3	3	0	0
North Pacific Coast	5	3	0	0	1
Okanogan County	8	6	1	0	1
Pacific County	3	2	1	0	0
Pierce County	9	4	2	0	0
Quinault Nation	5	7	0	0	0
San Juan County Community Development	3	3	1	0	0
Skagit Watershed Council	5	6	0	0	0
Snake River Salmon Recovery Board	23	12	0	0	1
Snohomish County	4	2	1	0	0
Stillaguamish	2	1	1	0	0
WRIA 13 Thurston Conservation District	7	7	0	0	0
West Sound Watershed	8	7	1	0	0
WRIA 1 Salmon Recovery Board	8	7	1	0	0
WRIA 8 (King County)	9	4	2	0	1
WRIA 9 (King County)	2	2	0	0	0
Yakima Basin Fish and Wildlife Recovery Board	12	8	3	1	0
Total	207	131	28	1	9

*Projects reviewed by the SRFB Review Panel either on-site or using pre-application materials.

The number of projects submitted in 2010 was within the range submitted during the past several years. The percentage of projects of concern was similar to that of the past several years.

Table 4: Projects of Concern 2004-2010

Grant Round	Eligible Projects Submitted	Projects of Concern				Final Report As of Nov. 19, 2010			
		Pre-Draft		October 8th Draft Report					
		Flagged Projects	Need More Information						
2004	180	NA	NA			19	11%		
2005	167	49	29%	NA	24	14%	16	10%	
2006	115	27	23%	NA	9	8%	1	1%	
2007	219	40	18%	67	31%	18	8%	4	2%
2008	131	N/A		30		16	12%	6	5%
2009	179	59		N/A		16	8.9%	6	3%
2010	159	18		61		10	6.45%	1	0.63%

The 2010 SRFB policies governing projects of concern are as previous grant rounds. A regional organization or lead entity can decide up until December 8 whether to leave a project of concern on its list and have the SRFB consider it for funding on December 10. However, if a project of concern is left on the list and a convincing case is not made to the SRFB in December that the project merits funding, that dollar amount will not remain in the target allocation. If lead entities withdraw projects of concern before the funding meeting, alternates may be considered for funding.

The intent of this policy is both to signal that the SRFB likely will not fund projects of concern, and to ensure that lead entities and regional organizations are convinced of the merits of such projects before submitting them to the SRFB for funding. Lead entities and regional organizations have been informed that they have up to December 8 to withdraw any project of concerns from their lists.

The table below summarizes the eligible projects by salmon recovery regional area and lead entity. More detail is listed in the regional summaries. Attachment 5 lists the projects that the board will consider funding in December 2010.

Table 5: Summary of Salmon Recovery Funding Board Requests

Regions and Lead Entities	Projects*	Alternates	Conditioned	POC	SRFB Allocation	Total SRFB Request	SRFB Request Without Alternates	Previously Approved		December Consideration	
								Projects	Amount	Projects	Amount
Hood Canal Coordinating Council	10	2	1	0	\$1,334,601	\$1,723,615	\$1,334,601	4	\$407,607	6	\$1,316,008
Lower Columbia Fish Recovery Board	12	3	0	0	\$3,015,000	\$4,381,682	\$3,015,000	2	\$428,514	10	\$3,953,168
Lower Columbia Fish Recovery Board	11	3	0	0	2,841,486	4,208,168	2,841,486	1	255,000	10	3,953,168
Klickitat County	1	0	0	0	173,514	173,514	173,514	1	173,514	0	0
Yakima Basin Fish and Wildlife Recovery Board	15	3	2	1	\$1,983,870	\$2,819,636	\$1,983,870	0	\$0	15	\$2,819,636
Yakima Basin Fish and Wildlife Recovery Board	12	3	0	0	1,497,670	2,333,436	1,497,670	0	0	12	2,333,436
Klickitat County	3	0	0	0	486,200	486,200	486,200	0	0	3	486,200
Northeast Washington	5	2	0	0	\$402,000	\$484,427	\$402,000	1	\$91,740	4	\$392,687
Puget Sound Partnership	67	9	4	0	\$7,587,789	\$9,759,577	\$7,587,789	40	\$4,972,459	27	\$4,787,118
Island County	1	0	0	0	268,875	268,875	268,875	1	268,875	0	0
Nisqually River Salmon Recovery	6	2	0	0	465,430	817,606	465,430	1	0	5	817,606
North Olympic Peninsula	6	2	0	0	841,846	1,679,194	841,846	3	791,847	3	887,347
Pierce County	6	2	0	0	627,585	970,706	627,585	2	313,880	4	656,826
San Juan County Community Development	4	0	0	0	310,855	310,855	310,855	3	169,476	1	141,379
Skagit Watershed Council	6	0	0	0	1,416,732	1,416,732	1,416,732	4	1,057,570	2	359,162
Snohomish County	3	0	0	0	741,773	742,477	741,773	1	240,752	2	501,725
Stillaguamish	2	0	0	0	506,545	506,545	506,545	1	249,211	1	257,334
West Sound Watershed	8	1	0	0	286,615	363,615	286,615	4	148,115	4	215,500
WRIA 1 Salmon Recovery Board	8	1	0	0	794,480	1,055,919	794,480	7	794,480	1	261,439
WRIA 13 Thurston Conservation District	7	0	0	0	217,476	217,476	217,476	5	49,151	2	168,325

Regions and Lead Entities	Projects*	Alternates	Conditioned	POC	SRFB Allocation	Total SRFB Request	SRFB Request Without Alternates	Previously Approved		December Consideration	
								Projects	Amount	Projects	Amount
WRIA 14 Mason Conservation District	3	0	0	0	260,118	260,118	260,118	3	260,118	0	0
WRIA 8 (King County)	5	1	0	0	483,915	783,915	483,915	4	463,440	1	320,475
WRIA 9 (King County)	2	0	0	0	365,544	365,544	365,544	1	165,544	1	200,000
Snake River Salmon Recovery Board	11	0	0	0	\$1,784,880	\$1,784,880	\$1,784,880	0	\$0	11	\$1,784,880
Upper Columbia Salmon Recovery Board	14	2	1	0	\$2,180,850	\$2,421,350	\$2,180,850	0	\$0	14	\$2,421,350
Chelan County	8	2	0	0	1,070,750	1,311,250	1,070,750	0	0	8	1,311,250
Okanogan County	6	0	0	0	1,110,100	1,110,100	1,110,100	0	0	6	1,110,100
Washington Coast Sustainable Salmon Partnership	16	1	3	0	\$1,809,000	\$1,919,500	\$1,809,000	2	\$258,561	14	\$1,660,939
Grays Harbor County	4	0	0	0	709,101	709,101	709,101	1	248,601	3	460,500
North Pacific Coast	2	0	0	0	232,500	232,500	232,500	0	0	2	232,500
Pacific County	3	1	0	0	505,708	616,208	505,708	0	0	3	616,208
Quinault Nation	7	0	0	0	361,691	361,691	361,691	1	9,960	6	351,731
Total	150	22	11	1	\$20,097,990	\$25,294,667	\$20,097,990	49	\$6,158,881	101	\$19,135,786

*Excludes projects withdrawn after the August 25 application deadline.

Notes:

Regions and lead entities have until December 8th to withdraw projects of concern. For a detailed spreadsheet by project please see Attachment 5. The Klickitat County Lead Entity submitted four projects for SRFB funding. One project (included on the Lower Columbia project list) totals \$173,514 and is included in the Lower Columbia River Salmon Recovery Region's allocation. The remaining three projects total \$486,200 and are in the Middle Columbia River Salmon Recovery Region's allocation.

For this report, the Hood Canal Salmon Recovery Region is shown separate from the Puget Sound Salmon Recovery Region. Hood Canal is in the Puget Sound Salmon Recovery Region for Chinook and steelhead, but is considered a separate salmon recovery region for summer chum. As part of the Puget Sound Salmon Recovery Region, the Hood Canal Coordinating Council receives a SRFB allocation from the Puget Sound Partnership for Chinook and steelhead at \$862,251. The Hood Canal Salmon Recovery Region also receives a separate \$472,350 or 2.35 percent in the SRFB regional allocation formula for Hood Canal summer chum.

Adjustments to Project Lists

From the time of the SRFB's pre-allocation decisions through the August application deadline, lead entities and regional organizations worked collaboratively to meet their funding targets. Sometimes, when projects were withdrawn because of a project of concern designation, regions and lead entities had to work with grant applicants to adjust project funding amounts and scopes to fit the funding targets. Applicants working through the lead entity and region may make adjustments in project costs (if warranted) up through December 8th. Additional time may be needed to work with SRFB grant managers to make any changes in the scope of work and budget for changed projects. A "changed" project is defined as:

- Any "conditioned" project.
- A draft project of concern where a scope or budget change affected by a panel recommendation would remove the designation.
- A project the panel removed the designation of draft project of concern after considering new information submitted by lead entities and regional organizations.
- A project that had been modified, without a significant change in scope, to meet the intra-regional funding allocation determined by the regional organization and its partners.

Noteworthy Projects

Since 2007, the SRFB has encouraged the review panel to share noteworthy projects. The panel has no rigid criteria for these comments, other than to consider projects that, to the greatest extent, have the potential to protect or restore natural watershed processes for a significant amount of high priority habitat in the most cost-effective manner. The panel identified seven projects as noteworthy in 2010. The table below lists the projects and why they were considered noteworthy.

Table 6: Noteworthy Projects

Lead Entity	Project #	Sponsor	Project Name	SRFB Request	Match	Notes
Hood Canal Coordinating Council	10-1545	State Parks and Recreation Commission	Dosewallips Riparian Corridor Acquisition	\$390,000	\$351,225	Sizable acquisition of 129 acres focused 1,000 foot wide riparian/floodplain corridor on in a high priority area with good quality habitat
Klickitat County	10-1741	Yakama Nation	Klickitat Trail - Inventory and Assessment	\$46,750	\$8,250	This project has the potential to be a noteworthy project because it's proposing to systematically address a large area - 31 miles of mainstem Klickitat and tributary confluences that are affected by the long-term presence of the railroad trail footprint.
Lower Columbia Fish Recovery Board	10-1671	Columbia Land Trust	Upper Elochoman River Salmon Conservation Project	\$200,000	\$200,000	Acquisition of 135 acres (2.6 miles of river frontage) including 11 tributaries and 10 acres of wetlands
Lower Columbia Fish Recovery Board	10-1740	State Department of Fish and Wildlife	Grays Bay Saltmarsh Acquisition	\$255,000	\$85,000	Acquisition of 237 acres of tidal wetland marsh, on the Lower Columbia River at the mouth of Deep and Grays River for protection of estuarine habitat for threatened salmon and marine fish resources.
Pacific County	10-1652	Willapa Bay Regional Fisheries Enhancement Group	Bear River Estuary Restoration-Construction	\$402,402	\$71,012	Second phase of multiple phase project that restores 760 acres, by removing 5.7 miles roads and dikes, 38 culverts, two fish ladders, two tidegates, on Willapa Bay.
Pierce County	10-1863	City of Orting	Calistoga Setback Levee - Construction	\$1,220,880	\$4,172,095	Ambitious large scale levee setback in a constrained suburban setting, on the Puyallup River.

Skagit Watershed Council	10-1769* 10-1927*	Seattle City Light Skagit Land Trust	Upper Skagit Tier 1 & 2 Floodplain Protection	\$480,305 \$480,305	\$84,760 \$84,760	Strategic approach to protection. One element of larger initiative, which began in 2000.
		*Project split for administrative purposes				

Lead Entity Strategies in Non-Recovery Planning Areas

In past grant rounds, the review panel evaluated and rated (1) the quality of lead entity habitat strategies and (2) the fit of project lists to the respective strategies for the six lead entities whose project lists were not based on comprehensive regional recovery plans. Recently, the only lead entities receiving this review were those not involved in recovery planning or implementation, including Klickitat County, Kalispel Tribe (Pend Oreille), and lead entities participating in the Washington Coast Sustainable Salmon Partnership, which includes North Pacific Coast, Quinault Nation, Grays Harbor County, and Pacific County. Minimal effort has been applied to these evaluations by the review panel because either no changes had been made to strategies used as a basis for project lists, or the strategies were involved in changes as noted below. Because of this, the review panel did not provide strategy ratings or fit of project ratings this year.

In terms of process, the timing of strategy feedback was moved to early spring, which is earlier in the grant round. This shift was noted in Manual 18 to better align with lead entity progress reports. The status of lead entity strategy approaches has not been static. Several significant developments were noted in 2009 that are continuing, all of which point to improving the focus of selecting habitat projects that will address the factors limiting natural production in these watersheds.

- Washington Coast – The SRFB is investing in a significant regional effort that promises to develop a Salmon Conservation Plan with a different focus from the traditional Endangered Species Act model recovery plans currently being implemented in other parts of the state. This plan will focus on preserving habitat while also addressing those areas where restoration would benefit wild populations. A draft plan is expected by May of 2011.
- Klickitat – This area now is covered by National Oceanic and Atmospheric Administration-developed recovery plan that should be relied upon in relating proposed projects to the Lead Entity strategy and the recovery plan.
- Pend Oreille (Kalispel Tribe) – The lead entity strategy and the status of a recovery plan for bull trout are unchanged, but an update of the lead entity strategy is planned for early 2011.

As these and any other developments proceed, the SRFB may request RCO and the Governor's Salmon Recovery Office to consider any results and related salmon recovery planning documents.

Review Panel Observations and Recommendations

Each year RCO staff asks the review panel to prepare independently a set of recommendations to the SRFB and to RCO to help improve future grant cycles. This section provides observations and recommendations from the review panel.

General Observations

Regional recovery plan implementation and project review processes appear to have changed relatively little during the past several years. A few exceptions include the Skagit expert review team in place of local review and some regions/lead entities requiring more complete applications earlier in the process.

During the same time period, the SRFB project review process has evolved to allow lead entities and project sponsors more flexibility in access to the panel (on a year-round basis). This has been reportedly helpful to those regions/lead entities who have taken advantage of review panel resources to seek early feedback in development of projects, and to enable the panel to develop a fuller understanding of projects (if those proposals are nearly complete) that are later submitted for funding. This year-round resource could be used even more, especially when developing certain types of projects within heavily constrained settings such as in Puget Sound marine and estuarine near-shore restoration projects and in Eastern Washington riparian and stream restoration projects in agricultural settings. This early engagement still requires sponsors to have enough project information developed for the review panel to understand the proposal in order to provide meaningful feedback. This is critical given that the review panel's role is not to design projects but to objectively review proposals and ensure they create actual benefits to salmon, have reasonable costs that do not outweigh those anticipated benefits, and have a high likelihood of success over time.

Review Panel Review of Habitat Strategies and Project Fit to List

Most lead entities are now implementing their habitat strategies as part of comprehensive regional recovery plans. However, there remain six lead entities that are not in the position of implementing salmon recovery plans. Those lead entities are the Kalispel Tribe (Pend Oreille), Klickitat County, and those working with the Washington Coast Sustainable Salmon Partnership (North Pacific Coast, Quinault Nation, Grays Harbor County, and Pacific County). (See discussion above about lead entity strategies.)

Feedback on Process Changes

Each year, the review panel offers feedback on ways to improve the effectiveness and quality of the panel's review function.

Similar to 2009, the 2010 review process involved various early project site visits; extensive review of draft, early, final, and post-application materials; and an intensive series of regional area and review meetings. This year at the regional review meetings, the panel did hear a brief overview from most regions regarding their processes, but more time was focused on discussion and review of projects of concern. What is most helpful in the region or lead entity presentations is the summary of the project lists and how they fit into past and future project plans for salmon recovery.

The review panel offers the following feedback on changes that were made to improve its role and the review process:

- **Regional Area Project Review Meeting in September:** The review panel found that the revised meeting format worked better in terms of creating more time for specific project discussions and that regional issues could still be discussed if needed.
- **Early Full-Panel Project Review:** The review panel identified projects at the preliminary project review stage that had the potential to be problematic in that they didn't clearly create benefits to salmon as a primary purpose, had costs misaligned with potential benefits, or had less than a high likelihood for success. Panel members identified a short list of projects they felt would benefit from more in-depth review and discussion by the full panel. For a number of projects this early, full panel review resulted in project issues being resolved before the final review meeting and minimized the number of project sponsors who needed to be present to discuss their projects during final review; however a few projects would have benefited greatly from even more in-depth discussion by the panel early in the process, if resources were available. This usually pays off in reducing coordination efforts and frustrations later in the process. For some projects with continuing concerns, or projects that were reviewed later in the review period, the project sponsor or lead entity were present for discussion at the final review panel meeting. For the most part, this process worked to reduce unnecessary travel time for sponsors or lead entities whose project issues were resolved before the meetings. Because this was the first year using this process, we experienced a couple of communication gaps about which sponsors did and did not need to attend in person; however we are confident that for future similar procedures-related communication issues should not occur.
- **Complete Project Applications Prior to October Meeting:** To reduce confusion and align schedules of all involved, the review panel recommended eliminating the extended deadline for project sponsors to finalize the application after the October review panel meeting. This change worked well, except for a few project applications that still contained confusing or contradictory information from that discussed at the regional area meeting and needed updates to make the application consistent or address changes requested by the review panel.
- **Use of 'track-changes' in project applications revisions:** It is helpful and efficient if revisions to applications are completed in 'track changes' format to more easily focus on modifications and revisions to the application.

- **“Need More Information:”** The “need more information” review category that was used in previous years was reinstated this round. The use of this terminology helps lead entities and project sponsors distinguish between requests for providing adequate descriptive information to clarify a project from those projects with issues that are more substantive and likely will result in a “project of concern” designation.
- **Sharepoint, File Management, Electronic Meetings:** The online collaboration tool to share and develop project documents and comment forms continues to be especially helpful. Also an online meeting tool, Go To Meetings, was used on a few occasions in place of in-person meetings worked well, and was both a cost and time saving measure.

Recommendations to Improve Projects and SRFB Evaluation Criteria

Below are a number of recommendations aimed at improving the projects and SRFB evaluation criteria used by the review panel.

- **Eligibility of floodgates and other similar infrastructure:**

A project proposal that came before the panel this round included an emergency flood relief structure or floodgate as a part of an estuarine restoration project involving dike removal and setback levee construction. The structure created much discussion among the panel about the technical merit of the floodgate even though the rest of the project was determined to be very beneficial to salmon, and had reasonable cost and high likelihood for success. Inclusion of this structure was determined by staff to be an eligible part of the project; however the review panel still had many questions about the details of the selection, design, and siting placement of the floodgate element.

The review panel handles many complex and nuanced project issues on a case-by-case basis using its best professional judgment because each project has so many unique variables including but not limited to geographical location, design, purpose, etc. We understand that sometimes elements of projects provide secondary, non-salmon benefits in order to make projects happen (such as construction of setback levees to protect adjacent lands during dike removal or breaching, or rebuilding roadways over new fish passage structures). The panel will continue to handle emerging issues in the same manner, and makes the following recommendations to help address structures of this kind in the future:

- Revise text in Manual 18 under “Ineligible Project Elements.”

Currently the text in Manual 18 reads as below with regards to ineligible project elements and specifically inclusion of capital facilities and public works projects (and infrastructure elements, which the floodgate was determined to be): “Some projects or elements are ineligible for funding or match because, in general, they do not directly foster the SRFB’s mission or do not meet cost or public policy constraints. Some activities on SRFB-assisted facilities may not be allowed throughout the life of a project, even after a project is complete. Check with RCO staff should you consider conducting any of the activities below now or in the

future. Ineligible activities include: “Capital facilities and public works projects, such as sewer treatment facilities, surface and storm water management systems, and water supply systems.”

- The review panel recommends edits to Manual 18 to help clarify the issue (added text in italics with underline):

“Check with RCO staff should you consider conducting any of the activities or include any questionable elements below now or in the future. If unusual infrastructure elements are proposed and determined eligible by staff, sponsor shall provide adequate selection (alternatives analysis), design, and siting or placement information in the project description for review panel consideration and early review coordination is highly recommended. Ineligible activities include:

“Capital facilities, public works projects, flood mitigation works⁵, and infrastructure elements, such as sewer treatment facilities, surface and storm water management systems, flood management structures and water supply systems” are not eligible as stand-alone projects.”

- **Statement of Support for Washington Department of Fish and Wildlife update to Stream Habitat Restoration Guidelines:** Salmonid habitat restoration is an evolving science and new techniques and feedback on existing methods are emerging every year. Dissemination of this information to practitioners, reviewers, and managers of the effectiveness of approaches and projects is critical to optimize salmon recovery and also to streamline the funding process by getting everyone on the same page. The review panel would like express their support for updating the Washington Department of Fish and Wildlife Aquatic Habitat Guidelines: Stream Habitat Restoration Guidelines document, last updated in 2004, as one means of spreading this information.
- **Federal Emergency Management Agency (FEMA) floodplain management and in-stream habitat restoration in Whatcom County:** FEMA management in Whatcom County requires a no-net rise analysis, which is costly, and a no-net rise in potential flood elevation, which is severely limiting for in-stream restoration projects looking to restore habitat diversity, complexity, and function. For some projects, structures cannot be placed in the appropriate stream channel location to achieve the best habitat benefits and instead are placed in areas where fish are less likely to benefit from them. Some creative designers are able to remove material from in the river profile to balance the placement of habitat materials but this isn’t possible in every situation. This constraint also is limiting restoration of riparian areas where floodplain roughness could affect flood duration. The review panel suggests a designated committee from RCO or the review panel meet with National Oceanic and Atmospheric Administration, FEMA, and Whatcom County Department of Public Works Surface Water Management policy staff

⁵ Flood mitigation works defined as levees, floodway schemes, drains, floodgates, river-bank stabilization, pumping facilities, flood-free mounds, diversions, dams, and dredging. From *Dictionary of Environment and Sustainable Development*, by Alan Gilpin. 1996.

to identify possible compromise rules. A tiered approach has been suggested depending on the surrounding land use. For example, if the land that would be potentially affected by a measurable flood rise due to engineered logjams is undeveloped farm land, then a minimal (e.g. 0.1 foot) rise would be allowed without any mitigation requirement. If land has development on it, then mitigation would be required, such as offsetting flood storage upstream.

- **Conservation Reserve Enhancement Program (CREP) on Highly Erodible Land:** In Eastern Washington, the Farm Service Agency's CREP rules do not allow CREP contracts on riparian land that the National Resources Conservation Service deems to be "highly erodible," because it reasons that it would be a waste of money to rent and then plant these areas, only to have them disappear in a flood. This seems reasonable, except that an inflexible, one size fits all interpretation of the rule results in project proposals more focused on bank stabilization to protect property (also protects riparian plantings) than restoration of ecological and habitat forming processes. The review panel suggests that staff meet with Washington State Conservation Commission, Farm Service Agency and the National Resources Conservation Service state headquarters staff to see if any flexibility can be built into the rule.
- **Establish a ceiling for administrative and engineering costs for projects that get funded in phases:** Administration and engineering costs for restoration construction, feasibility, and design-only projects can be substantial. The review panel suggests revising Manual 18 guidance and establishing a reasonable scale to contain these costs, understanding that certain project types are more complex than others and require more administration and engineering. An increasing numbers of projects are being developed in phases, with many using the design-only approach as the first phase. For these projects that go on to receive construction funds from the SRFB, the Review Panel is suggesting administrative and engineering costs for the construction contract be limited to something less than 30 percent and scaled according to the percentage of design level already completed. As an example, for restoration projects that were previously funded as design-only projects that are 100 percent complete in terms of design, the administrative and engineering costs for construction would be reduced to 10 percent or figure that can be justified by the complexity of the project.
- **Develop guidance for invasive species projects:** For several years the review panel has stressed to project sponsors, lead entities, and regional organizations the need for invasive species proposals to be strategic, non-fragmented, and use effective and complementary control and riparian restoration approaches. A number of lead entities (for example Hood Canal, Hood Canal Salmon Enhancement Group, North Olympic Salmon Coalition) have developed strategic plans for invasive treatment and riparian replanting. The review panel continues to recommend that the SRFB incorporate such direction in its guidance, and work to encourage acceptable methods and techniques, avoidance of short-term fixes in favor of strategic control combined with riparian restoration, and maintenance elements that protect the SRFB's investment. Finally, the review panel recommends that the SRFB and RCO coordinate with other invasive species strategic control efforts (e.g., Washington Invasive Species Council), to reconcile

assessment needs, treatment and maintenance approaches, refine and align eligibility and standards for review, and identify potential coordination of project funding.

- **Develop strategies for riparian restoration work:** Most, if not all, lead entities have identified poor riparian conditions and lack of large wood in stream channels and the near-shore marine and estuarine environments as a high priority for habitat restoration and salmon recovery. However, the strategic approaches to addressing this ubiquitous problem are rare. Most of the riparian projects are opportunistic efforts to control invasive species (see comment above) and restore native vegetation on sites with willing landowners (e.g., to supplement Conservation Reserve Enhancement Program buffers), or properties recently acquired for conservation efforts. While these projects will certainly provide improvements in riparian conditions, the lack of systematic and strategic approaches to riparian restoration in rivers, streams, near-shore environments, and floodplains means that many of these efforts will be scattered and isolated. To improve this circumstance the review panel recommends that strategic and goal-oriented approaches to riparian restoration development and implementation be developed and supported including identification of preferred objectives and design criteria.
- **Clarify eligibility of (or limits to) education and outreach elements:** It would be helpful to clarify the extent to which public education and outreach elements, (open houses, public event attendance and sponsorship, signs, kiosks, pamphlets, brochures, direct mailings, etc) are eligible for SRFB funding. Eligibility criteria in Manual 18 do not directly address this question.
- **Improve project sponsor capacity:** There continues to be a lack of base funding to project sponsors and lead entities to support development of larger and more complex projects. As the size, cost, and complexity of projects increases, sponsors as well as lead entities need more administrative support to pursue and develop project concepts before grant applications can be adequately prepared. These projects require increased outreach to stakeholders, broader geographic coordination across jurisdictional and watershed boundaries, and more technical scoping. Sponsors receive some direction from lead entities and local recovery plans on where to focus, but lack the staff, expertise, and funding to find and develop more noteworthy projects. Submitting SRFB applications can be a major commitment of time. Many sponsors (e.g., regional fisheries enhancement groups and conservation districts) lack resources to commit to this effort and when they do, due to lack of these very resources, their projects can take more time in the review process. The review panel feels support for project sponsors that would help with applications costs would be helpful in increasing the number of projects with higher fish benefits and certainty of success. Some suggested ways of offering assistance include:
 - With funding, Department of Fish and Wildlife or local conservation districts could dedicate time from a new hire to provide engineering planning and design assistance to project sponsors in their area.
 - Allow a portion of lead entity allocations to be used for capacity building grants.

- Increase base funding of fisheries enhancement groups and conservation districts for administrative support.
- Allow grant preparation to be a reimbursable cost in whole or in part.
- **Explore quantifiable evaluation of project cost vs. benefit:** The review panel applies SRFB benefit criteria (including cost-effectiveness or cost benefit) as fairly and equitably across the state as possible using available policy and technical guidance provided by the SRFB. This translates into review panel judgments that are subjective, based on the collective experience and expertise of the panel.

The review panel recognizes that quantification of environmental benefit is a very inexact realm, and that consistent and accurate comparisons of cost vs. benefit for SRFB-funded projects would be challenging. To better address the 'cost' part of the cost vs. benefit exercise, the SRFB also could consider compiling and evaluating project "as-built" cost information in comparison to benefit metrics used, to provide guidance to project sponsors and the review panel.

In time, use of quantifiable project metrics might be linked to numerical salmon recovery goals for fish and habitat, and assumptions and models applied to link habitat actions to projected estimated benefits in light of those goals.

- **Support broader effectiveness monitoring and close the loop on learning from that investment:** The review panel continues to hear from regional organizations, lead entities, and project sponsors that monitoring the effectiveness of implemented projects is very important, but is not sufficiently funded at the local level. The reach-scale effectiveness monitoring program funded by the SRFB will be useful in understanding the relative benefits of various categories of projects and contribute to the review panel's application of SRFB benefit and certainty criteria. The review panel is very supportive of broadening the reach of effectiveness monitoring to include more local projects.

Whether from the statewide effectiveness monitoring or from increased and funded local monitoring, for the monitoring data to have value it needs to answer the question: What did we learn from the project being monitored? The review panel (as should local entities, regions, and sponsors) needs to be more in tune with the monitoring results and analysis to close the loop on informing better project design.

As an example of the benefits of monitoring to informing project design: A side-channel restoration project might be functioning well for the first 5-7 years of effectiveness monitoring; however after year 8, it becomes a sediment trap with reduced capacity, higher water temperatures, and increased invasive vegetation and warm-water non-native species. These changes have now turned a once productive project into an attractive nuisance due to lack of maintenance funding. This brings up two issues; learning from long-term monitoring results and the discussion of maintenance funding for certain types of projects. The review panel needs to be aware of these types of project evolutions to improve project designs and protect the board's investments in restoration projects. Similarly, some project types, where lost functions are being constructed because the natural habitat forming processes are no longer in place to

create them, need to have a long-term maintenance plan in place to protect the investment in the project. While many projects are able to become self-sustaining and don't require maintenance beyond the grant period, those projects placed in systems with regulated flows and hydro modifications can't be expected to become self-sustaining when flows are such a critical part of habitat forming processes.

- **Similar to PSAR projects, consider an abbreviated review/funding process statewide:** A portion of a lead entity's funds could be identified for early project award. The project sponsor would have to submit a *complete* application, and have a successful (e.g. no issues) early project review. If all is in place, the review panel and lead entity recommends the project for funding and it goes to the board for approval. The idea is to reward project sponsors that are able to get their project application together early and submit a well prepared and complete package up-front.

Introduction

In 2010, the SRFB continued its approach of allocating funding regionally rather than to individual lead entities. To inform the SRFB of the processes being used at the regional and local levels to develop SRFB project lists, the Recreation and Conservation Office posed a series of questions in SRFB Manual 18. Each region responded to these questions, providing significant supporting documentation. The following section of the report is a region-by-region summary of the responses received. These summaries have been structured around the key questions asked of each region and their local entities.

Regional organizations were required to respond to questions regarding their:

- Internal allocation process across lead entities and watersheds.
- Technical review process, including evaluation criteria and Technical Advisory Group membership.
- How SRFB criteria were considered in developing project lists.

Lead entities were asked to:

- Describe their local review processes – including criteria, local technical review team membership, and SRFB Review Panel participation.
- Describe how multi-year implementation plans or habitat work schedules were used to develop project lists.

While the following summaries encompass the key processes and concepts provided by the regions and are intended as a reference, they do not reflect the complete responses received.

How Were the Regional Review Processes Implemented?

SRFB staff concluded that processes in regional areas generally were consistent with the processes laid out in Manual 18. This is based primarily on the information from the regional responses (summarized below), in addition to other application materials and presentations to the review panel. Staff notes that the pre-proposal meetings and site visits frequently used by the regional organizations and lead entities, coupled with the early and continuing feedback from the review panel, helped improve projects.

For the most part, regional organizations and areas used the same or similar review approaches as they used in previous years (fit of the projects and lists to their regional recovery plans or strategies). The type and extent of regional technical review continues to vary between regions.

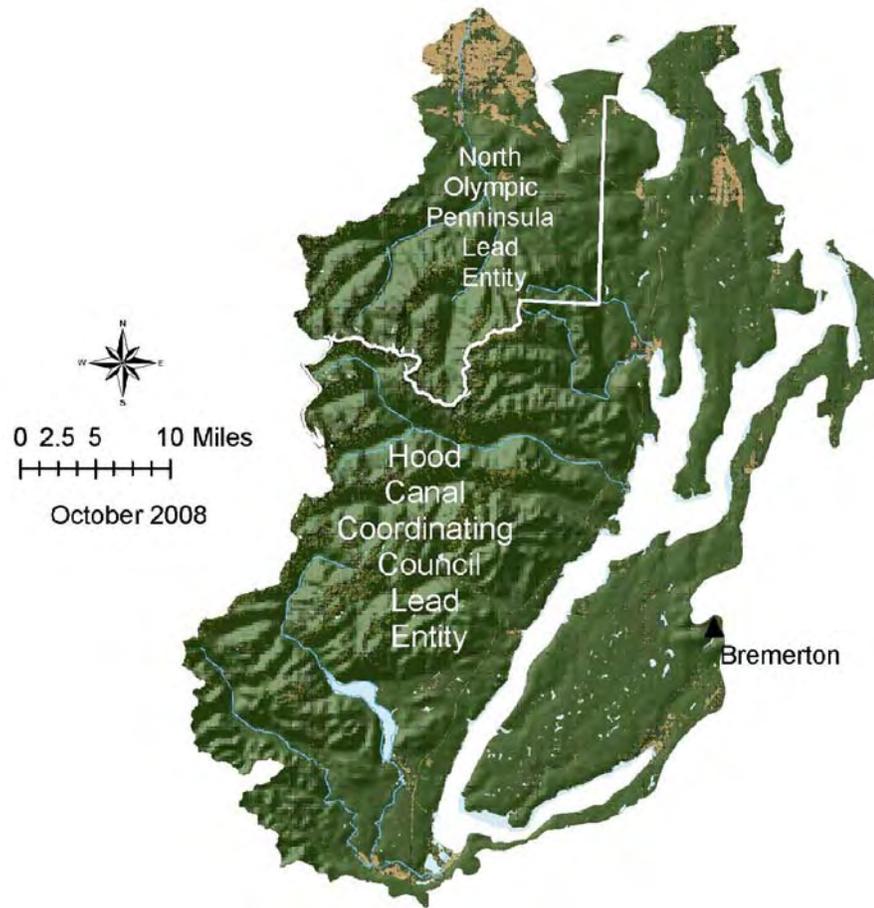
Hood Canal Salmon Recovery Region



Hood Canal
Coordinating Council
17791 Fjord Dr. N.E.
Suite 124
Poulsbo, WA
98370-8481

www.hccc.wa.gov

Scott Brewer
Executive Director
(360) 531-0575
sbrewer@hccc.wa.gov



Geography

The Hood Canal area is in the Puget Sound Salmon Recovery Region for Chinook and steelhead, but is considered a separate salmon recovery region for summer chum. It includes parts of Jefferson, Mason, Clallam, and Kitsap Counties.

Water Resource Inventory Areas

All or parts of Kitsap (15), Skokomish-Dosewallips (16), Quilcene-Snow (17), and Elwha-Dungeness (18) and part of Shelton (14)

Federally Recognized Tribes

Skokomish Indian Tribe, Port Gamble S'Klallam Tribe, Jamestown S'Klallam Tribe, Lower Elwha Klallam Tribe, Suquamish Tribe

Table 7: Hood Canal Salmon Recovery Region Listed Species

Species Listed	Listed As	Date Listed
Hood Canal Summer Chum	Threatened	March 25, 1999
Puget Sound Bull Trout	Threatened	November 1999

Region and Lead Entities

The Hood Canal Coordinating Council is the regional recovery organization for summer chum for the Hood Canal and eastern Strait of Juan de Fuca area. In addition, the council is one of two lead entities in the region, along with the North Olympic Peninsula Lead Entity. The Puget Sound Partnership serves as the regional recovery organization for other species in this region, including Chinook salmon and steelhead trout.

Table 8: Hood Canal Salmon Recovery Region Recovery Plan

Hood Canal Summer Chum Recovery Plan	
Regional Organization	Hood Canal Coordinating Council
Plan Timeframe	10-30 years
Actions Identified to Implement Plan	296
Estimated Cost	\$130 million
Status	National Oceanic and Atmospheric Administration-Fisheries formally adopted the recovery plan for Hood Canal summer chum in May 2007.
Implementation Schedule Status	The Hood Canal Coordinating Council and its plan implementation partners are using an implementation schedule with a 3-year timeframe and with more detailed information on recovery plan actions and costs.
Hood Canal Coordinating Council Web Site	http://hccc.wa.gov/Salmon+Recovery/default.aspx

Regional Area Summary Questions and Responses

As noted above, the Hood Canal Coordinating Council serves as the regional recovery organization for summer chum and one of two lead entities for the Hood Canal and eastern Strait of Juan de Fuca summer chum Evolutionarily Significant Unit (ESU). Because of the shared role, local and regional questions have been combined, where possible, and the answers provided below.

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

The summer chum salmon ESU is composed of two lead entities, the Hood Canal Coordinating Council and the North Olympic Peninsula Lead Entity. The allocation for summer chum was not pre-determined, but instead each lead entity had project sponsors submit their highest value projects for salmon recovery, as defined by the priorities in the summer chum salmon recovery

plan and 3-year work program, into a single, consolidated review and ranking process overseen by the Hood Canal Coordinating Council and documented in the council's process guide. The allocation was determined by the projects selected for funding.

Consideration for funding is limited to projects in the 3-year work program. Projects compete as metered by their benefits, certainty, costs, and public involvement, using existing criteria, to derive the final allocation.

How was the regional technical review conducted?

For the 2010 grant round, the regional technical review consisted of a combined Technical Advisory Group from both lead entities (composed of local, regional, state, federal, and tribal biologists). The Hood Canal Coordinating Council Technical Advisory Group provides technical review for the council as both a lead entity and as a regional recovery organization. The process used for technical review is described below in the local process section.

In addition, the Hood Canal Coordinating Council is requesting an independent technical review by a joint committee composed of scientists from the National Marine Fisheries Service Puget Sound Domain Team, who are familiar with summer chum status, viability analyses, recovery plan and supporting documents, and habitat limiting factors. The ultimate question asked of this joint committee is how well the projects fit the plan's priorities. The results of their review will be provided to the SRFB as soon as it is available.

What criteria were used for the regional technical review?

Please see local process section below for evaluation criteria.

Who completed the review (name, affiliation, and expertise) and are they part of the regional organization or independent?

Please see the local process section below for the Hood Canal Coordinating Council Technical Advisory Group members.

As noted above, the Hood Canal Coordinating Council is convening an independent technical review. Members of this review group will be from the National Marine Fisheries Service.

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule? (If so, please provide justification for including these projects to the list of projects recommended to the SRFB for funding. If the projects were identified in the regional implementation plan or strategy but considered a low priority or in a low priority area, please provide justification.)

All of the summer chum projects submitted are contained in the 3-year work program.

How did your regional review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability? In addition to limiting factors analysis, SASSi, and SSHIAP⁶, what stock assessment work has been done to date to further characterize the status of salmonid species in the region?

The summer chum salmon recovery plan lays out a four-tier recovery action priority system of geographic areas for summer chum stocks based on whether they are extant, extinct, recently observed, or near shore areas. The Hood Canal Coordinating Council's Process Guide further refines that framework into four domains. Those watersheds are reviewed for species distribution and habitat limiting factors in order to develop potential projects included in the 3-year work program. All proposed projects must come from either the 3-year work program directly or be consistent with it. Finally, the Technical Advisory Group and independent federal review process provide insights into whether specific projects are truly providing benefits to high priority stocks.

- Addresses cost-effectiveness?

Cost-effectiveness is considered in several ways throughout project list development, including:

- A 15 percent match requirement.
- A guiding principle that at least 80 percent of the regional allocation must go to benefit the highest priority stocks.
- "Cost appropriateness" is one of four major factors considered in scoring each proposed project.
- The Habitat Project List Committee (citizen's committee) reviews project cost issues.
- The Technical Advisory Group and Habitat Project List Committees consider project timing and sequencing as a type of cost-effectiveness.

Local Review Processes

Provide project evaluation criteria and documentation of your local Citizens Advisory Group and Technical Advisory Group ratings for each project, including explanations for differences between the two group's ratings.

The Hood Canal Coordinating Council Technical Advisory Group evaluated projects using the following criteria:

⁶ SASSI = Salmon and Steelhead Stock Inventory; SSHIAP=Salmon and Steelhead Habitat Inventory and Assessment Program

- Domain (habitat types and populations using the habitat) priorities from the 3-year work program
- Benefit to salmon
 - SRFB definition of high, medium, and low benefits
 - Project scale
 - Project addresses limiting factors
 - Project protects or restores natural functions and processes
 - Integration or association with other salmon recovery projects and assessments in watershed
 - Duration of biological benefits
- Certainty of success
 - SRFB definition of high, medium, and low certainty
 - Adequacy and appropriateness of project design
 - Sequence is appropriate for watershed conditions
 - Project proponent and their partners' experience and capability
 - Certainty that objectives can be achieved
- Cost appropriateness

Habitat Project List Committee (citizens advisory group) criteria include:

- Community impact and education issues
 - Does the surrounding community support this project? Who is that community and how can you substantiate that support?
 - Is there any community opposition to this project? Who is opposed and how will you address that opposition?
 - Does this project have any educational value? Who is being educated, what are they being educated about, and how can you substantiate that? Will this project educate the public and raise its awareness about salmon and habitat protection and restoration issues?
 - Will this project receive any publicity or visibility? How and whose attention will it gain? Will publicity be helpful to salmon recovery efforts?
 - Will this project elicit more support in the future? From who and how?
- Project cost issues
 - Is this project expensive relative to other projects on the list? Is that expense justified? How did you determine the expense is justified?

- If this project is funded, will it bump other (or several other) good projects out of probable contention for funding, based on historical SRFB funding for the Hood Canal Coordination Council?
- Is this project appropriate for SRFB partnership salmon funds?
- Progress towards salmon habitat recovery
 - Is the cumulative effect of the list of projects moving us closer to federal delisting of salmon?

There were no differences between the Technical Advisory Group and the Habitat Project List Committee regarding rankings.

Identify your local technical review team (include expertise, names, and affiliations of members.)

Technical Advisory Group members include (expertise not identified):

- Peter Bahls, Northwest Watershed Institute
- Richard Brocksmith, Hood Canal Coordinating Council
- Luke Cherney, Hood Canal Coordinating Council
- Carrie Cook-Tabor, U.S. Fish and Wildlife Service
- Dan Hannafious, Hood Canal Salmon Enhancement Group
- Marc McHenry, U.S. Forest Service
- Doris Small, Washington Department of Fish and Wildlife
- Micah Wait, Wild Fish Conservancy

Explain how and when the SRFB Review Panel participated in your local process, if applicable.

The SRFB Review Panel and SRFB project manager were invited to attend project presentations, field visits, and the technical evaluation and ranking meetings. However, the Review Panel members were only present at the field visits.

Explain how multi-year implementation plans or habitat work schedules were used to develop project lists.

The Hood Canal Coordinating Council's process guide clearly documents that only projects included in the 3-year work program or consistent with it are eligible for submittal. Only these projects were considered in the development of the project list.

Explain how comments of technical, citizen, and policy reviews were addressed in finalizing the project list. Were there any issues about projects on the list and how were those resolved?

Technical comments from the Lead Entity Technical Advisory Group were provided to project sponsors during the pre-application phase and incorporated before projects were finalized. The SRFB Review Panel also provided technical comments during the pre-application phase that were either addressed in the final application materials or by specific memos that have been attached in PRISM. Project reviews by the joint technical and citizen’s committees during the ranking meetings yielded several conditions for various projects that are being implemented cooperatively by all project sponsors.

Project List Summary Table

Following is a project list summary table, reflecting the region’s project list as of November 19. For the Hood Canal Salmon Recovery Region, there are 10 projects covering both summer chum and Chinook (most projects benefit both species). Of the projects submitted by the Hood Canal Coordinating Council, there is one conditioned project, and two alternates.

For this report, the Hood Canal Salmon Recovery Region is shown separate from the Puget Sound Salmon Recovery Region. Hood Canal is in the Puget Sound Salmon Recovery Region for Chinook and steelhead, but is considered a separate salmon recovery region for summer chum. As part of the Puget Sound Salmon Recovery Region, the Hood Canal Coordinating Council receives a SRFB allocation from the Puget Sound Partnership for Chinook and steelhead at \$862,251. The Hood Canal Salmon Recovery Region also receives a separate \$472,350 or 2.35 percent in the SRFB regional allocation formula for Hood Canal summer chum.

Table 9: Hood Canal Salmon Recovery Region Project List Summary – November 19, 2010

Hood Canal Coordinating Council						Regional Allocation:	\$1,334,601		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
Lead Entity:		Hood Canal Coordinating Council							
1 of 10	10-1545	A	Dosewallips Riparian Corridor Acquisition	State Parks	Chinook Salmon-Puget Sound ESU, Chum Salmon-Hood Canal Summer-run ESU, Steelhead-Puget Sound DPS	Yes, Ch 9 of Summer Chum Salmon Plan. Pages 162, 168, 186.	Okay	\$390,000	
2 of 10	10-1525	P	Big Quilcene Estuary Acquisition Planning	Hood Canal SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Hood Canal Summer-run ESU, Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Yes, Ch 8 of Summer Chum Salmon Plan. Pages 129, 136-138.	Okay	\$35,000	
3 of 10	10-1611	P	Snow Creek Delta Cone & Estuary Design	North Olympic Salmon Coalition	Chinook Salmon-Puget Sound ESU, Chum Salmon-Hood Canal Summer-run ESU, Steelhead-Puget Sound DPS	Yes, Ch. 7 of Summer Chum Salmon Plan. Pages 85, 101, 125-126.	Okay	\$199,295	
4 of 10	10-1574	R	Salmon & Snow Creek Riparian Project	North Olympic Salmon Coalition	Chum Salmon-Hood Canal Summer-run ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Yes, Ch. 7 of Summer Chum Salmon Plan. Pages 85, 103-104, 126.	Approved	\$70,042	
5 of 10	10-1606	R	Dosewallips Engineered Log Jams SRFB	Wild Fish Conservancy	Chinook Salmon-Puget Sound ESU, Chum Salmon-Hood Canal Summer-run ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-	Yes, Ch. 9 of Summer Chum Salmon Plan. Page 168.	Condition	\$302,699	

Hood Canal Coordinating Council						Regional Allocation:	\$1,334,601		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
					Puget Sound DPS				
6 of 10	10-1567	P	Corps General Investigation of Skokomish River	Mason Conservation Dist	Chinook Salmon-Puget Sound ESU, Chum Salmon-Hood Canal Summer-run ESU, Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Yes, Ch. 2 of Draft Skok Chinook Plan and Ch. 10 of Summer Chum Salmon Plan	Approved	\$175,000	
7 of 10	10-1526	R	Knotweed Control Riparian Enhancement Year 3	Hood Canal SEG	Chum Salmon-Hood Canal Summer-run ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Yes, Summer Chum Salmon Plan Ch. 8 (pg 137,138), Ch. 11 (pg 217, 220), Ch. 12 (pg 240).	Approved	\$126,745	
8 of 10	10-1566	R	Little Quilcene Brush Plant Road Reach	Hood Canal SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Hood Canal Summer-run ESU, Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Yes, Ch. 8 Summer Chum Salmon Plan. Pages 129, 136-137.	Approved	\$35,820	
9 of 10	10-1522	R	Lower Tahuya LWD Placement	Hood Canal SEG	Chum Salmon-Hood Canal Summer-run ESU, Steelhead-Puget Sound DPS	Yes, Ch. 11 Summer Chum Salmon Plan. Page 219.	Okay	\$103,014	Alternate
10 of 10	10-1616	C	Tarboo Bay Acquisition and Restoration	Northwest Watershed Institute	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Yes, though lower priority than above; 3 Year Work Plan, pg 136 in summer chum	Okay	\$286,000	Alternate

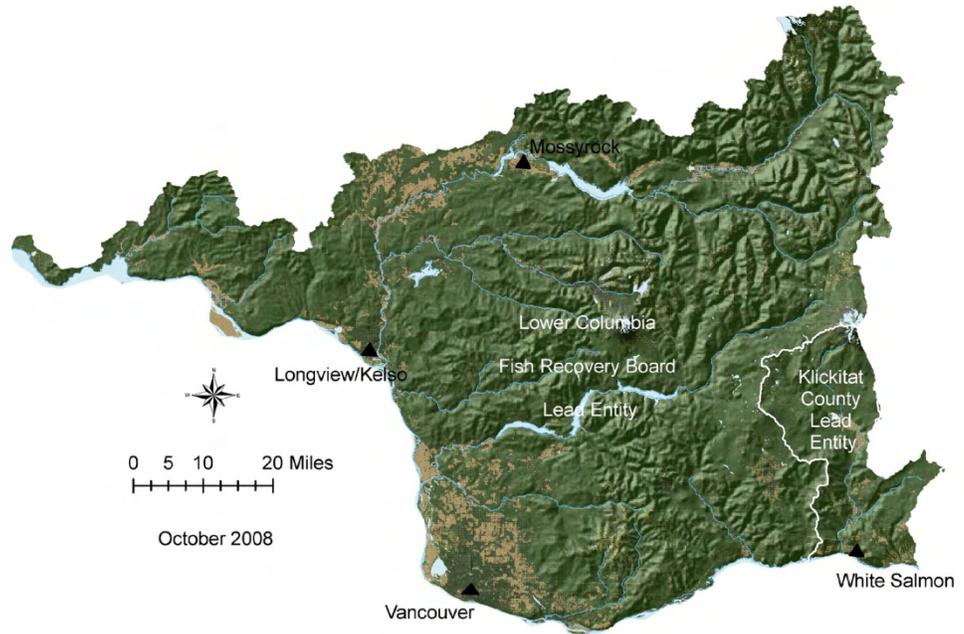


Lower Columbia River Salmon Recovery Region

Lower Columbia Fish
Recovery Board
2127 8th Ave.
Longview, WA 98632

www.lcfrb.gen.wa.us

Jeff Breckel
Executive Director
(360) 425-1555
jbreckel@lcfrb.gen.wa.us



Geography

The Lower Columbia River Salmon Recovery Region encompasses Clark, Cowlitz, Skamania, and Wahkiakum, and portions of Lewis, Pacific and Klickitat Counties.

Water Resources Inventory Area

Willapa (24 - Chinook and Wallacut Rivers), Grays-Elochoman (25), Cowlitz (26), Lewis (27), Salmon-Washougal (28), and Wind/White Salmon (29)

Federally Recognized Tribe

Cowlitz Indian Tribe

Table 10: Lower Columbia River Salmon Recovery Region Listed Species

Species Listed	Listed As	Date Listed
Lower Columbia River Chinook	Threatened	March 24, 1999
Lower Columbia River Coho	Threatened	June 28, 2005
Columbia River Chum	Threatened	March 25, 1999
Lower Columbia River Steelhead	Threatened	March 19, 1998
Bull Trout	Threatened	June 10, 1998

Region and Lead Entities

The Lower Columbia Fish Recovery Board was established in Revised Code of Washington 77.85.200 to oversee and coordinate salmon and steelhead recovery efforts in the Lower Columbia River Salmon Recovery Region. The law also designated the Lower Columbia Fish Recovery Board as the lead entity for the entire region, except for the White Salmon River. The board serves as the citizen’s committee and final approval authority for the region’s project list.

Table 11: Lower Columbia River Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	Lower Columbia Fish Recovery Board
Plan Timeframe	25 years
Actions Identified to Implement Plan	More than 650
Estimated Cost	\$127 million (next six years, tier one reaches only)
Status	<p>Adoption by National Oceanic and Atmospheric Administration (NOAA)- Fisheries of a complete recovery plan for the Lower Columbia River Chinook, coho, steelhead, and chum Evolutionary Significant Units in Washington and Oregon is expected in 2010.</p> <p>NOAA approved an interim recovery plan for listed populations in the Lower Columbia region in Washington in February 2006 with the exception of coho populations and populations in the Big White Salmon River sub-basin.</p> <p>NOAA, working with the Yakama Nation and other recovery planning partners, has drafted a recovery plan for Chinook and coho populations in the Big White Salmon River sub-basin.</p>
Implementation Schedule Status	A detailed 6-year habitat work schedule has been completed for implementing habitat actions in the recovery plan. A comprehensive tracking and reporting system for all recovery plan actions has been developed and basic information for all planned actions has been entered into the system. Additional information is being entered into the tracking and reporting system to make it fully operational and to complete the recovery plan implementation schedule for all planned actions.
Lower Columbia Fish Recovery Board Web Site	www.lcfrb.gen.wa.us/default1.htm

Regional Area Summary Questions and Responses

Please note that because the Lower Columbia Fish Recovery Board serves as both the regional recovery organization and the lead entity for the area, the local and regional questions have been combined and the answers provided below.

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

The Lower Columbia Fish Recovery Board allocation, within and across the region's watersheds, is determined through the project evaluation and ranking process. This is possible because:

- Habitat protection and restoration needs are identified and ranked in each of the 17 sub-basins using the same method and criteria. The board's 6-year Habitat Work Schedule ranks the anadromous reaches (based on ecosystem diagnosis and treatment analysis) and provides the relative importance of restoring and preserving conditions within a reach.
- Habitat projects are ranked using the same evaluation method and criteria.

The reach ranking combined with the evaluation of each project's benefits to fish and certainty of success provides the basis for a regional project ranking and the allocation of funding.

Again this year, a portion of the Lower Columbia region's funding allocation was allocated to the Klickitat County Lead Entity for projects to be conducted in the White Salmon River basin. The basin is considered part of the Lower Columbia River Recovery Region, but is covered by the Klickitat County Lead Entity. The Lower Columbia Fish Recovery Board provided \$173,514 of the \$3.015 million regional allocation to the Klickitat County Lead Entity based on an allocation formula similar to that developed by the SRFB Issue Task Force in 2006, which considers such factors as the number of Water Resource Inventory Areas, river miles, SaSSI stocks, and Endangered Species Act populations. The projects in the White Salmon basin were evaluated by the Klickitat County Lead Entity.

How was the regional/lead entity technical review conducted?

The Lower Columbia Fish Recovery Board used a two-phase technical review approach.

- **Phase One:** The Lower Columbia Fish Recovery Board issued its updated 6-year Habitat Work Schedule and then solicited project proposals. Board staff conducted workshops and held individual conferences with each sponsor to assist them in identifying, scoping, and refining potential projects. Sponsors then submitted pre-proposals, which were evaluated for potential issues by the Lower Columbia Fish Recovery Board Technical Advisory Committee. Site visits were conducted for staff, Technical Advisory Committee, board members, and SRFB Review Panel representatives. The site visits allowed participants to meet with landowners, community members, and sponsors to discuss proposed projects. The Lower Columbia Fish Recovery Board received 38 pre-proposal applications, representing 13 sub-basins and nine sponsors.

- **Phase Two:** Final applications then were submitted, evaluated, and ranked. What criteria were used for the regional and lead entity technical and citizen review?

The Technical Advisory Committee evaluated projects using the following criteria:

- Benefits to fish
 - The importance of the fish populations, key life history stages, and associated limiting factors targeted by the project
 - The extent to which the project will address the limiting factors
 - Is cost reasonable relative to the likely benefits
- Certainty of success
 - Whether the approach is technically appropriate
 - The extent to which the project is coordinated with other habitat protection and restoration efforts in a watershed
 - Physical, legal, social, or cultural constraints or uncertainties
 - The qualifications and experiences of the sponsor
 - Community and landowner support
 - Stewardship

Who completed the review (name, affiliation and expertise) and are they part of the regional organization or independent?

The Lower Columbia Fish Recovery Board Technical Advisory Committee members include:

- Randy Sweet, environmental consultant, Lower Columbia Fish Recovery Board, member
- Ron Rhew, U.S. Fish and Wildlife Service, biologist
- Stephanie Ehinger, National Oceanic and Atmospheric Administration, fisheries biologist
- Jim Fisher, environmental consultant
- Evan Haas, Lower Columbia River Estuary Partnership
- Pat Frazier, Washington Department of Fish and Wildlife, Fish Management & Hatchery Operation, program manager
- Angela Haffie, Washington State Department of Transportation, habitat biologist
- Kelley Jorgensen, environmental consultant
- Scott McKinney, Washington State Department of Ecology, watershed lead
- Steve Manlow, US Army Corps of Engineers
- Phil Miller, Governor’s Salmon Recovery Office, ex-officio
- Doug Stienbarger, Washington State University Extension, Clark County director

- Shannon Wills, Cowlitz Indian Tribe, lead fish biologist
- David Hu, U.S. Forest Service's Gifford Pinchot National Forest, Forest Fish Program Manager

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule? (If so please provide justification for including these projects to the list of projects recommended to the SRFB for funding. If the projects were identified in the regional implementation plan or strategy but considered a low priority or is a low priority area please provide justification.)

All projects on the Lower Columbia Fish Recovery Board's final project list stemmed directly from the Habitat Work Schedule. In addition, two projects, Grays Bay Saltmarsh Acquisition and Lower Kalama Habitat Enhancement, addressed priority actions identified in the National Oceanic and Atmospheric Administration's draft Columbia River Estuary Endangered Species Act Recovery Plan Module for Salmon and Steelhead (LCREP, 2007). These projects are expected to provide significant benefits to out-of-basin stocks, and thus have mainstem estuary benefits as well. The Technical Advisory Committee used both the Habitat Work Schedule and the Estuary Module in their evaluation and ranking of these projects. The expected benefits to out-of-basin salmonids elevated the ranking of these projects.

How did your regional or lead entity review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability? In addition to limiting factors analysis, SASSI, and SSHIAP7, what stock assessment work has been done to date to further characterize the status of salmonid species in the region?

The consistency of a project with the priorities of the recovery plan is an integral element in the project evaluation and ranking process and criteria. The consistency of the overall project list with the recovery plan is determined based on three factors. Specifically, this evaluation assesses whether the projects on the list target:

1. Priority populations for recovery;
 2. Priority reaches; and
 3. Priority limiting factors or habitat attributes.
- Addresses cost-effectiveness

⁷ SASSI = Salmon and Steelhead Stock Inventory; SSHIAP=Salmon and Steelhead Habitat Inventory and Assessment Program

The Lower Columbia Fish Recovery Board Technical Advisory Committee considers the cost of a project during its evaluation of a project's "benefits to fish." The consideration of cost includes assessing if the cost is reasonable relative to the likely benefits. This evaluation is based on professional judgment taking into consideration labor, materials, and administrative costs in comparison to past projects.

Explain how and when the SRFB Review Panel participated in your regional or lead entity process, if applicable.

Representatives on the SRFB Review Panel participated throughout the project review process, including site visits during the week of May 24th, the draft application review on June 8th and 9th, and the final application technical review on July 13th and 14th. During site visits and technical reviews, SRFB Review Panel representatives actively engaged in discussions with Technical Advisory Committee members and sponsors. Formal comments on the pre-proposals were received by the Lower Columbia Fish Recovery Board and provided to sponsors to assist them in completing their final applications. Their participation provided early notice of issues of potential concern to the review panel and allowed sponsors an opportunity to address or resolve these issues in their final applications. SRFB Review Panel members also were actively engaged during the final application review and scoring by the board's Technical Advisory Committee.

Explain how multi-year implementation plans or habitat work schedules were used to develop project lists

All projects on the final project list are from the Lower Columbia Fish Recovery Board Habitat Work Schedule, which provides reach-level recommendations on project types. Also, as projects develop, Lower Columbia Fish Recovery Board staff works with project sponsors to make sure proposed projects are consistent with the priorities in the Habitat Work Schedule.

Explain how comments of technical, citizen, and policy reviews were addressed in finalizing the project list. Were there any issues about projects on the list and how were those resolved?

The pre-proposal process employed by the Lower Columbia Fish Recovery Board allows for the Technical Advisory Committee and SRFB Review Panel comments and concerns to be identified early and addressed in sponsor's final applications. Sponsors were provided a comment response matrix and were required to submit the matrix with their final applications to indicate how or where in the final applications the comments were addressed. The board requests that the SRFB and its review panel consider the Technical Advisory Committee comments in their project review.

The Lower Columbia Fish Recovery Board and the Technical Advisory Committee solicited public comments during the review sessions, but no project specific comments were received during any phase of project evaluation.

Project List Summary Table

Following is a project list summary table, reflecting the region's project list as of November 19. For the Lower Columbia River Salmon Recovery Region, there are 14 projects, totaling more than \$4.2 million. Of the projects submitted, there were two that were withdrawn at the request of the sponsor.

Table 12: Lower Columbia River Salmon Recovery Region Project List Summary, November 19, 2010

Lower Columbia Fish Recovery Board						Regional Allocation:	\$3,015,000		
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
Lead Entity:		Lower Columbia Fish Recovery Board							
1 of 14	10-1740	A	Grays Bay Saltmarsh Acquisition	Fish & Wildlife Dept of	Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Approved	\$255,000	
2 of 14	10-1498	R	NF Lewis RM 13.5 Off-Channel Habitat Enhancement	Lower Columbia River FEG	Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Southwest Washington DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$531,520	
3 of 14	10-1054	R	Eagle Island Site A	Cowlitz Indian Tribe	Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$354,966	
4 of 14	10-1028	R	Lower Hamilton Restoration Phase II	Lower Columbia River FEG	Chinook Salmon-Lower Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$674,200	

Lower Columbia Fish Recovery Board						Regional Allocation:	\$3,015,000		
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
5 of 14	10-1022	R	Upper Washougal Restoration III	Lower Columbia River FEG	Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$557,840	
6 of 14	10-1542	R	East Fork Lewis River Helicopter Log Jams	Mount St. Helens Institute	Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$92,487	
7 of 14	10-1733	P	Clear Creek Fish Passage Design Project	Wahkiakum Co. Public Works	Chinook Salmon-Lower Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$123,500	
8 of 14	10-1027	P	Duncan Crk Dam Design	Lower Columbia River FEG	Chinook Salmon-Lower Columbia River ESU, Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Southwest Washington DPS, Steelhead-Southwest Washington DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$51,973	

Lower Columbia Fish Recovery Board						Regional Allocation:	\$3,015,000		
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
9 of 14	10-1671	A	Upper Elochoman River Salmon Conservation Project	Columbia Land Trust	Chinook Salmon-Lower Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Lower Columbia River DPS, Steelhead-Southwest Washington DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$200,000	
10 of 14	10-1023	P	Grays River Reach II Design	Lower Columbia River FEG	Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	0	withdrawn	withdrawn
11 of 14	10-1499	R	Lower Kalama Habitat Enhancement	Lower Columbia River FEG	Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$537,592	Alternate
12 of 14	10-1437	R	South Fork Toutle Restoration II	Lower Columbia River FEG	Chinook Salmon-Lower Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Lower Columbia River DPS, Steelhead-Southwest Washington DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$643,715	Alternate

Lower Columbia Fish Recovery Board						Regional Allocation:	\$3,015,000		
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
13 of 14	10-1413	R	Gorley Springs Phase II Instream Project	CREST	Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	0	withdrawn	withdrawn
14 of 14	10-1718	P	Arkansas Creek Rehabilitation Planning	Castle Rock City of	Chinook Salmon-Lower Columbia River ESU, Chum Salmon-Columbia River ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Lower Columbia River DPS	Refer to Appendix F - Scoring Assumptions	Okay	\$185,375	Alternate
Lead Entity:		Klickitat County							
1 of 4	10-1734	R	Indian Creek Fish Passage Correction	Underwood Conservation Dist	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Middle Columbia River DPS	Tier A, Action Priority in the <i>Klickitat Lead Entity Salmon Recovery Strategy</i>	Okay	\$173,514	

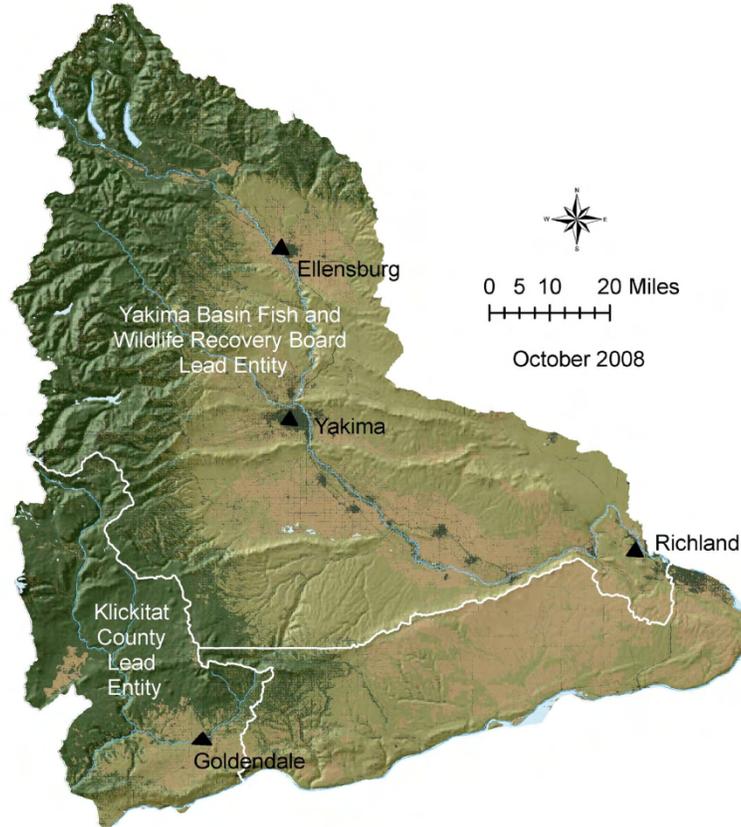
Middle Columbia River Salmon Recovery Region



Yakima Basin Fish and
Wildlife Recovery Board
1110 West Lincoln Ave.
Yakima, WA 98902

www.ybfwrb.org

Alex Conley Executive
Director
(509) 453-4104
aconley@ybfwrb.org



Geography

The Middle Columbia River Salmon Recovery Region is comprised of salmon bearing streams in Benton, Kittitas, Yakima, and Klickitat Counties.

Water Resource Inventory Areas

Klickitat (30), Rock-Glade (31), Lower Yakima (37), Naches (38), and Upper Yakima (39)

Federally Recognized Tribes

Yakama Nation

Table 13: Middle Columbia River Salmon Recovery Region Listed Species

Species	Listed As	Date Listed
Steelhead	Threatened	March 25, 1999
Bull Trout	Threatened	1998

Region and Lead Entities

There are five Water Resource Inventory Areas in the middle Columbia River Evolutionary Significant Unit. The Yakima Basin Fish and Wildlife Recovery Board is the regional salmon recovery organization and lead entity for three of these Water Resource Inventory Areas (37, 38, and 39). There is no regional organization serving Water Resource Inventory Areas 30 and 31. The Klickitat County Lead Entity covers part of Water Resource Inventory Area 29, which is in the Lower Columbia River Salmon Recovery Region, and part of 30. Water Resource Inventory Area 31 is not part of a lead entity.

Table 14: Middle Columbia River Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	Yakima Basin Fish and Wildlife Recovery Board (for the Yakima Basin; no recovery organization for Columbia Gorge populations in the middle Columbia region).
Plan Timeframe	15 years (Yakima steelhead recovery plan only)
Actions Identified to Implement Plan	94 (Yakima steelhead recovery plan only)
Estimated Cost (This does not include estimated cost from the Klickitat and Rock Creek plans prepared by the National Oceanic and Atmospheric Administration.)	\$269 million (Yakima steelhead recovery plan only)
Status	<p>National Oceanic and Atmospheric Administration (NOAA)- Fisheries approved the Middle Columbia River Steelhead Recovery Plan in September 2009. This plan incorporates the Yakima Board’s Yakima Steelhead Recovery Plan and NOAA’s recovery plans for steelhead populations in the Gorge Management Unit of the middle Columbia River steelhead distinct population segment.</p> <p>The Yakima Basin Fish and Wildlife Recovery Board also is working with the U.S. Fish and Wildlife Service to better define recovery actions for bull trout in the Yakima Basin.</p>
Implementation Schedule Status	For the Yakima Basin, basic elements of a 6-year implementation schedule are completed, providing details of planned actions, key partners, link of actions to limiting factors and plan strategies, time to implement and achieve benefits, and estimated costs. Additional information fields and a tracking and reporting system for the implementation schedule are being developed.

Regional Area Summary Questions and Responses

Please note that because the Yakima Basin Fish and Wildlife Recovery Board serves as both the regional recovery organization and the lead entity for the area, the local and regional questions have been combined and the answers provided below. These responses apply only to the Yakima basin portion of the Middle Columbia River Salmon Recovery Region.

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

The Yakima Basin Fish and Wildlife Recovery Board and the Klickitat County Lead Entity operate as independent organizations. There is not a single regional organization that includes both of these middle Columbia areas. The two organizations enter into discussions each year about how to divide the mid-Columbia allocation between them. The two entities submitted separate lead entity lists that added up to significantly more than the total available for the region. The two lead entities have negotiated revisions to both lists so that the combined lists will equal the regional allocation. Final adjustments to project level budgets are being completed.

How was the regional or lead entity technical review conducted?

In the Yakima portion of the middle Columbia River region, the regional organization and the lead entity are the same organization. The lead entity used the Lead Entity Technical Advisory Group as the technical review team. Because the area covered by the lead entity and the regional organization is identical, and most candidates for a regional technical review team already were serving on the lead entity review team, the Yakima Basin Fish and Wildlife Recovery Board saw no reason to convene a separate review team. If in the future, there is agreement among all parties that a regional review process should be developed that involves multiple lead entities, then the appropriate parties will work together to identify a regional technical process that addresses the needs of each organization.

The Yakima Basin Fish and Wildlife Recovery Board solicited pre-applications for project proposals. Board staff compiled the proposals and scheduled conferences to provide feedback to the applicants about their proposals, and to address any potential problems early. Proponents used these conferences to discuss other potential projects with the committee and further flesh out their ideas. Final applications were submitted and the Yakima Basin Fish and Wildlife Recovery Board staff reviewed for completeness and distributed to the Technical Advisory Group and Citizen Committee. This information was also provided to the SRFB Review Panel members two weeks before their site visits.

A formal, 20-minute presentation was given to the Technical Advisory Group and Citizen Committee to provide information and answer any preliminary concerns. A site tour was conducted with members from the Technical Advisory Group and SRFB Review Panel.

Application edits were distributed to the Technical Advisory Group and Citizens Committee for review before their evaluation and ranking meetings.

The Technical Advisory Group then met for project review and ranking, using two sets of criteria (see below). The Technical Advisory Group ranking then was forwarded to the Citizens Committee for its review, which scored projects, adjusting the Technical Advisory Group ranking to create a final ranking. This ranking was submitted to the Yakima Basin Fish and Wildlife Recovery Board for approval.

What criteria were used for the regional or lead entity technical and citizens' review?

The Technical Advisory Group evaluated projects using two sets of criteria:

- Biological Matrix Assesses
 - Species benefited by project
 - Project benefits to in-stream flow and the hydrograph
 - Project benefits to water quality
 - Project benefits to in-channel habitat
 - Improvements to degraded large woody material densities
 - Protection of functional rearing habitat
 - Improvements to degraded rearing habitat
 - Project benefits to habitat access
 - Improvement of access for juvenile or adult to high quality habitat
 - Improvement of access for juvenile or adult to functional habitat
 - Project benefits to diversion screening
 - Project benefits to floodplain connectivity and riparian condition

Matrix scores are adjusted using weighting factors for quality and quantity of habitat benefited and the relative certainty of biological success for the proposed project.

- Technical Advisory Group Evaluation Forms (One each for restoration, protection, and design assessment projects) Evaluate Projects Based On:
 - Landowner commitment.
 - Certainty of valuation (protection projects only).
 - Project sequencing.
 - Reasonableness of the budget.
 - Threats to habitat values.
 - Organizational capacity of sponsor.

- Presence of uncertainties and constraints.
- Plans for future stewardship.
- Fit to regional plan.
- Adequacy of design.
- Value to education and outreach.

The Citizen's Committee evaluated ranking based on the following criteria:

- Cultural and social benefits
 - Will the project create benefits or raise concerns for the Yakama Nation and its members?
 - Will the project create benefits or raise concerns for the agricultural community?
 - Will the project create benefits or raise concerns for the community at large?
 - How will the project affect Endangered Species Act liabilities for community members?
 - How will the project affect recreational opportunities?
 - Will the project create defined educational/outreach opportunities?
- Economic considerations
 - What is the potential impact of the project on the community's economy?
 - How will the project affect recreational spending?
 - Is the project budget clearly defined and reasonable?
 - How much benefit does the project create for the dollars invested?
- Project context and organization
 - If the project is not funded now, are key opportunities lost or is the proposal premature?
 - Is the project innovative, standard, or outdated?
 - How is the project coordinated with other past, present, and future salmon recovery actions?
 - Are we confident that all the pieces of the project can come together as anticipated or are there uncertainties?
- Partnerships and community support
 - What is the breadth and strength of the community involvement in the project?
 - What is the breadth and strength of the partnership supporting the project (technical support, financial, and in-kind contributions, labor)?

- Will partner or citizen involvement increase the likelihood of the project's success or is this involvement lacking?

Who completed the review (name, affiliation and expertise) and are they part of the regional organization or independent?

Technical Advisory Group members include:

- Richard Visser, U.S. Fish and Wildlife Service, restoration biologist
- Dale Bambrick, National Oceanic and Atmospheric Administration National, Marine Fisheries Service, Ellensburg branch chief
- John Easterbrooks, Washington Department of Fish and Wildlife, regional fish program manager
- Joel Freudenthal, Yakima County, fish and wildlife biologist
- Anna Lael, Kittitas County Conservation District, district manager
- Paul LaRiviere, Washington Department of Fish and Wildlife, in-stream flow biologist
- David Lind, Yakama Nation, fisheries biologist
- Pat Monk, U.S. Fish and Wildlife Service, fisheries biologist
- David Child, Yakima Basin Joint Board, biologist
- Rebecca Wassell, Mid Columbia Regional Fisheries Enhancement Group
- Scott Nicolai, Yakima Klickitat Fisheries Project, habitat biologist
- Tom Ring, Yakama Nation, hydrogeologist
- Jeff Thomas, U.S. Fish and Wildlife Service, fisheries biologist
- Cameron Thomas, USFS Forest Biologist

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule? (If so please provide justification for including these projects to the list of projects recommended to the SRFB for funding. If the projects were identified in the regional implementation plan or strategy but considered a low priority or is a low priority area, please provide justification.)

All projects submitted for the 2010 SRFB grant round are identified in the Yakima Steelhead Recovery Plan.

How did your regional or lead entity review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability? In addition to limiting factors analysis, SASSI, and SSHIAP⁸, what stock assessment work has been done to date to further characterize the status of salmonid species in the region?
- Steelhead and bull trout are the ESA listed species in the Yakima Basin, and all stocks are high priority for recovery actions. The Yakima Steelhead Recovery Plan dated August 2009 contains the most current data and local knowledge of the status of steelhead populations. As indicated in the plan, "Ongoing monitoring of steelhead populations will be required to allow objective comparisons between current status and trends of key VSP parameters and recovery criteria. In 2009-10, the Board worked with WDFW and the Yakama Nation to develop a new BPA-funded Steelhead VSP monitoring Project that will focus on evaluating the status of Yakima Basin steelhead. Addresses cost-effectiveness?"

Both the Technical Advisory Group and the Citizens Committee evaluated project budgets as part of the ranking process. The Technical Advisory Group assigned each project a high, medium, or low certainty of success score based on:

- Whether the budget was complete and accurate.
- If the costs were reasonable for the work proposed relative to similar projects.
- If the return for the dollars invested was acceptable.

The Citizen's Committee evaluated:

- If a budget was too high or low.
- If it was reasonable relative to other similar projects and the benefits derived.
- If it had a high cost to benefit ratio.

Explain how and when the SRFB Review Panel participated in your regional/lead entity process, if applicable.

The SRFB Review Panel participation started with the site visits on June 29-30th. They provided feedback to staff and applicants on site, and followed up with their written comments. They also provided LE staff with feedback on some of the technicalities of applications such as eligibility, budget formatting, and wording. The Review Panel attended the TAG review on July 21. The Review Panel was an asset to the process by providing feedback to TAG members based on site visits while at the same time taking into consideration the local expertise when the TAG evaluated projects.

⁸ SASSI = Salmon and Steelhead Stock Inventory; SSHIAP=Salmon and Steelhead Habitat Inventory and Assessment Program

Explain how multi-year implementation plans or habitat work schedules were used to develop project lists

The August 2009 Yakima Steelhead Recovery outlines a list of recovery actions recommended to contribute to restoring steelhead to viable levels in the Yakima Basin. Project applicants were asked to identify the actions that pertained to their project in their application, and during the TAG evaluation process, and the Lead Entity/Region determined if a project had a high, medium or low fit to the recovery plan. The information is included in the summary of the local review process in question 4.

Explain how comments of technical, citizen, and policy reviews were addressed in finalizing the project list. Were there any issues about projects on the list and how were those resolved?

The scores and comments provided by the technical and citizen’s committees form the basis for the ranked project list presented to the Yakima Basin Fish & Wildlife Recovery Board. On August 19, the Board met and reviewed the ranked Lead Entity list submitted by the Citizen’s Committee, and approved it unanimously.

Project List Summary Table

Following is a project list summary table, reflecting the region’s project list as of November 19. For the Middle Columbia River Salmon Recovery Region, there are 12 projects. Four projects were submitted by the Klickitat County Lead Entity, totaling \$659,714. Eleven projects were submitted by the Yakima Basin Fish and Wildlife Recovery Board, totaling \$2,333,346.

Of the projects submitted by the Yakima Basin Fish and Wildlife Recovery Board, there is one Project of Concern, two conditioned projects, and three alternates, The Yakima Basin Fish and Wildlife Recovery Board has until December 8 to determine how to proceed with those projects that have been categorized as “Project of Concern” by the SRFB Review Panel. Depending upon the determination of the region, the total dollar amount and project list may be amended for approval at the December 10 SRFB funding meeting.

Table 15: Middle Columbia River Salmon Recovery Region Project List Summary, November 19, 2010

Yakima Basin Fish and Wildlife Recovery Board						Regional Allocation:		\$1,983,870	
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
Lead Entity: Yakima Basin Fish and Wildlife Recovery Board									
1 of 11	10-1765	R	Eschbach Park Levee Setback & Restoration	Yakima County Public Services	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-Lower Columbia River ESU, Steelhead-Middle Columbia River DPS	Naches Action #5: Restore lower Naches River floodplain. Page 160 Naches Action #6: Improve sediment transport in lower Naches River. Page 161	Condition	\$284,424	
2 of 11	10-1764	R	Herke Fish Screening, Ahtanum Creek 2	North Yakima Conservation District	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-unidentified ESU, Steelhead-Middle Columbia River DPS	Basin-wide Action #2: Adequately screen all water diversions. Page 143	Okay	\$131,140	
3 of 11	10-1838	R	Manastash Creek Barrier Removal	Kittitas Co Conservation Dist	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Upper Yakima Action #5: Provide passage and instream flow in lower Manastash Creek. Page 192	Condition	\$112,959	
4 of 11	10-1785	P	Yakima River Delta Habitat Assessment	Mid-Columbia RFEG	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-unidentified ESU, Steelhead-Middle Columbia River DPS	This project has the potential to address two of the limiting factors identified in the Yakima Steelhead plan, lower mainstem water temperature and lower mainstem water quality (Conley et al., 2009, p. 107). This project has the potential to address	Okay	\$114,055	

Yakima Basin Fish and Wildlife Recovery Board							Regional Allocation:	\$1,983,870	
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
						uncertainty in how mainstem conditions impact smolt survival (identified as 7.2.3 in Conley et al., 2009, p. 219).			
5 of 11	10-1909	A	L Cowiche Creek Conservation Easement	Yakima County Public Services	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Middle Columbia River DPS, Steelhead-Southwest Washington DPS	Naches Action #20: Protect Cowiche Creek watershed from increasing development pressure. Page 172	Okay	\$84,190	
6 of 11	10-1847	R	Teanaway River - Red Bridge Road Project	Kittitas Co Conservation Dist	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	This project will address factors that inhibit movement of steelhead in the Teanaway River." (page 114). Maintaining these spawning areas is required to meet the Upper Yakima recovery threshold." (page 137)	POC	\$243,877	
7 of 11	10-1595	R	Yakima Beaver Project	Fish & Wildlife Dept of	Chinook Salmon-Middle Columbia River spring-run ESU, Chinook Salmon-unidentified ESU, Coho Salmon-unidentified ESU, Sockeye Salmon-	Basin-wide Action #11: Restore beaver populations. Page 151 Reduction in Beaver Activity. Page 102	Okay	\$187,025	

Yakima Basin Fish and Wildlife Recovery Board						Regional Allocation:	\$1,983,870		
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
					unidentified ESU, Steelhead-Middle Columbia River DPS				
8 of 11	10-1786	R	Jack Creek Channel & Floodplain Rest., RM 0 to 2.	Mid-Columbia RFEF	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Upper Yakima Action #14: Restore instream and floodplain habitat complexity in Swauk and Taneum Creeks and Teanaway and lower Cle Elum Rivers, page 192	Okay	\$170,000	
9 of 11	10-1841	R	Currier Creek Restoration	Kittitas Conservation Trust	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-unidentified ESU, Steelhead-Middle Columbia River DPS	Upper Yakima Action #15: Restore tributary riparian areas. Page 199	Okay	\$170,000	
10 of 11	10-1753	R	La Salle High School Riparian Enhancement Project	North Yakima Conserv Dist	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-unidentified ESU, Steelhead-Middle Columbia River DPS	Naches Action #27: Ahtanum Creek floodplain and side channel restoration	Okay	\$127,834	Alternate
11 of 11	10-1841AL T	R	Currier Creek Restoration	Kittitas Conservation Trust	Chinook Salmon-Middle Columbia River spring-run ESU, Coho Salmon-unidentified ESU, Steelhead-Middle Columbia River DPS	Upper Yakima Action #15: Restore tributary riparian areas. Page 199	Okay	\$207,910	Alternate

Yakima Basin Fish and Wildlife Recovery Board							Regional Allocation:	\$1,983,870	
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
11 of 11	10-1837	R	Coleman Creek - Ellensburg Water Company Project	Kittitas Co Conservation Dist	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Basin-wide Action #2: Adequately screen all water diversions. p. 142 Upper Yakima Action #11: Restore passage, separate irrigation conveyance, and screen diversions in Ellensburg area tributaries, p. 189	Okay	\$500,022	Alternate
Lead Entity:		Klickitat County							
1 of 4	10-1741	P	Klickitat Trail - Inventory and Assessment	Yakama Nation	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	The project area is located within one of the four top-tier geographic priority areas identified in the Salmon Recovery Strategy for the Klickitat Lead Entity.	Okay	\$46,750	
3 of 4	10-1742	R	Upper Klickitat R. Enhancement, Phase IV	Yakama Nation	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	The Klickitat Lead Entity Region Salmon Recovery Strategy lists the project reach as a Tier "A" geographic priority and this type of restoration activity as an "A" action priority.	Okay	\$365,500	

Yakima Basin Fish and Wildlife Recovery Board							Regional Allocation:	\$1,983,870	
Rank	Project Number	Type	Name	Sponsor	Primary fish stock benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate
4 of 4	10-1746	P	Assess Potential Actions, Columbia River Mainstem	Mid-Columbia RFEG	Chinook Salmon-Middle Columbia River spring-run ESU, Chinook Salmon-Snake River Fall-run ESU, Chinook Salmon-Snake River Spring/Summer-run ESU, Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Sockeye Salmon-Lake Wenatchee ESU, Sockeye Salmon-Okanogan River ESU, Steelhead-Middle Columbia River DPS, Steelhead-Snake River Basin DPS, Steelhead-Upper Columbia River DPS	The Proposed Middle Columbia River Steelhead Distinct Population Segment ESA Recovery Plan (November 30, 2009), section 6.3, includes a discussion of mainstem habitat, including water temperature and thermal refugia, predation of juvenile salmonids by native and non-native fish, and altered habitat conditions	Okay	\$73,950	

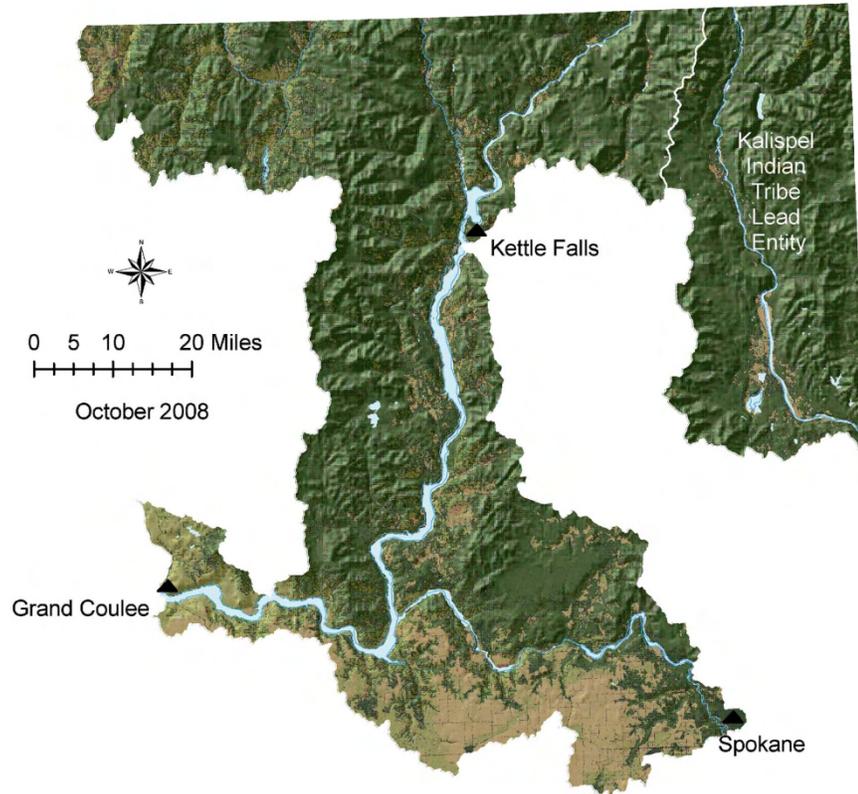
Note: The Klickitat County Lead Entity submitted four projects for SRFB funding. One project (included on the Lower Columbia project list) totals \$173,514 and is included in the Lower Columbia River Salmon Recovery Region's allocation. The remaining three projects total \$486,200 and are in the Middle Columbia River Salmon Recovery Region's allocation.



Northeast Washington Salmon Recovery Region

Kalispel Tribe
P.O. Box 39
Usk, WA 99180

Joe Maroney
(509) 447-7272
jmaroney@knrd.org



Geography

The Northeast Washington Region is comprised of native resident salmonid streams in Ferry, Lincoln, Pend Oreille, Spokane, and Stevens Counties.

Water Resource Inventory Areas

Lower Lake Roosevelt (53), Lower Spokane (54), Middle Lake Roosevelt (58), Kettle (60), Upper Lake Roosevelt (61), Pend Oreille (62)

Federally Recognized Tribes

Kalispel Tribe of Indians, Confederated Tribes of the Colville Reservation and Spokane Tribe of Indians

Table 16: Northeast Washington Salmon Recovery Region Listed Species

Species	Listed As	Date Listed
Bull Trout	Threatened	June 10, 1998

Table 17: Northeast Washington Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	
Plan Timeframe	
Actions Identified to Implement Plan	
Estimated Cost	
Status	A draft bull trout recovery plan has been developed by the U.S. Fish and Wildlife Service. The lead entity for Pend Oreille County has developed a habitat strategy that is used for directing salmon recovery projects.
Implementation Schedule Status	

Region and Lead Entities

The Northeast Washington Salmon Recovery Region is not planning under regional salmon recovery planning. An effort took place several years ago to regionalize within Northeast Washington, but was unsuccessful. The Kalispel Tribe is the only lead entity within this geographic region. The Pend Oreille Salmonid Recovery Team was created under the Salmon Recovery Act for WRIA 62. The recovery team consists of a Technical Advisory Group and a Citizens Advisory Group and is coordinated by the Kalispel Tribe.

Regional Area Summary Questions and Responses

Please note that because there isn't a regional organization, there is no region-wide process. The questions below were addressed to the Pend Oreille Salmonid Recovery Team and the answers provided reflect that structure.

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

All projects are submitted for Water Resource Inventory Area 62. Funds are allocated across projects submitted for the Water Resource Inventory Area.

How was the regional or lead entity technical review conducted?

Pend Oreille uses a two-step process to evaluate and rank projects.

- The Technical Advisory Group uses a consensus-based approach to evaluate projects for benefit to salmonids and certainty of success.
- Once the Technical Advisory Group evaluation is complete, the results are provided to the Citizens Advisory Group to be considered during project ranking. The citizen group

then uses a consensus-based approach to rank each project based on evaluation provided by the Technical Advisory Group.

What criteria were used for the regional/lead entity technical and citizens review?

The Technical Advisory Group evaluated projects using the following criteria:

- Benefit to salmonids
 - Does the project address high priority habitat features or watershed processes?
 - Is the project in a high priority sub-basin?
 - Has the project been identified through a documented habitat assessment?
 - Does the project address multiple species or unique populations of salmonids essential for recovery or Endangered Species Act-listed species or non-listed species primarily supported by natural spawning?
 - Does the project address an important life history stage or habitat type?
 - Does the project have a low cost relative to the predicted benefits?
- Certainty of success
 - Is the project scope appropriate to meet its goals and objectives?
 - Is the project consistent with proven scientific methods?
 - Is the project in correct sequence and independent of other actions being taken first?
 - Does the project address a high potential threat to salmonid habitat?
 - Does the project clearly describe and fund stewardship of the area or facility for more than 10 years?
 - Is the project landowner willing to have the project done on property?
 - Can the project be successfully implemented or are there constraints which may limit project success?

The Citizens Advisory Group evaluated projects using the following criteria:

- Using the Technical Advisory Group evaluation of the project's benefit to salmonids, rate how well this proposal addresses sub-basin priority limiting factors and actions identified in the strategy.
- Using the Technical Advisory Group evaluation of the project's benefit to salmonids, rate how well this proposal addresses sub-basin priority species and areas identified in the strategy.
- Using the Technical Advisory Group evaluation of the project's certainty of success, rate the proposal's ability to address the priority areas habitat limiting factors.
- Rate the project's current level of community support.

- Rate how well the project will help promote community support for the overall salmonid recovery effort in Water Resource Inventory Area 62.
- Rate how well the project proposal addresses the socioeconomic concerns identified by the strategy.
- Rate whether the project is a justifiable use of public funds.

Who completed the review (name, affiliation, and expertise) and are they part of the regional organization or independent?

Technical Advisory Group members:

- Bill Baker, Washington Department of Fish and Wildlife, fisheries biologist
- Jeff Lawlor, Washington Department of Fish and Wildlife, habitat biologist
- Sandy Dotts, Washington Department of Fish and Wildlife, watershed steward
- Jason Gritzner, Idaho Panhandle National Forest, hydrologist
- Jill Cobb, Idaho Panhandle National Forest, hydrologist
- Aaron Prussian, Idaho Panhandle National Forest, hydrologist and biologist
- Todd McLaughlin, Pend Oreille County Planning Department, permitting and biologist
- George Luft, Pend Oreille County Public Works, engineer
- Don Ramsey, Pend Oreille County Public Works, engineer
- Carrie Cordova, U.S. Fish and Wildlife Service, biologist
- Scott Jungblom, Pend Oreille County Public Utility District #1, biologist
- Ted Carlson, Stimson Lumber Company, forestry
- Wade Pierce, Stimson Lumber Company, forestry
- Terry Driver, Agriculture, ranching and grazing
- Tom Shuhda, Colville National Forest, fisheries biologist
- Rob Lawler, Colville National Forest, hydrologist and biologist
- Todd Andersen, Kalispel Natural Resource Department, fisheries biologist
- Joe Maroney, Kalispel Natural Resource Department, fisheries biologist

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule? (If the projects were identified in the regional implementation plan or strategy but considered a low priority or is a low priority area, please provide justification.)

Not applicable.

How did your regional or lead entity review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability?

The Pend Oreille Salmonid Recovery Team Strategy for Protection and Improvement of Native Salmonid Habitat identifies high, medium, and low priority sub-basins. These sub-basins were further ranked based on seven additional criteria to create a sub-basin priority ranking. Priority actions were determined for each of the high and medium sub-basins using information from the Bull Trout Limiting Factors Report for Water Resource Inventory Area 62 and the professional judgment of the Technical Advisory Group.

- Addresses cost-effectiveness?

Cost-effectiveness is considered in the Technical Advisory Group process as a specific criterion.

Explain how and when the SRFB Review Panel participated in your regional or lead entity process, if applicable.

The SRFB Review Panel visited the Pend Oreille Lead Entity area on June 2, 2010. During the visit, our local project sponsors presented the proposals (in the field) for the current round of funding. The sponsors, TAG and CAG members, Lead Entity Coordinator and SRFB Review Panel visited the proposed project sites to evaluate each proposed project. During the visit, the panel members commented on each project, asked specific questions, and provided advice as to potential improvements that would increase the soundness of each project and the proposals. Following the visit, the review panel provided written comments to the Lead Entity who passed on the forms to each project sponsor. The Coordinator recommended each sponsor consider the comments and suggestions and revise the projects/proposals accordingly.

Explain how multi-year implementation plans or habitat work schedules were used to develop project lists.

Locally, we use our Strategy for Protection and Improvement of Native Salmonid Habitat (2007) as a tool for guiding the implementation of restoration efforts in the Pend Oreille. This document uses multiple criteria for ranking subbasins within the Pend Oreille as low, medium, or high priority for restoration improvements. Based on the priority we develop projects that address concerns regarding native salmonid habitat. Typically we focus on restoration efforts surrounding our #1 (bull trout) and #2 (westslope cutthroat trout) species. However, efforts are also made to address habitat issues that coincide with our #3 priority species which is the pygmy whitefish. For the current round, we focused on watersheds with projects that both directly and indirectly benefit bull and westslope cutthroat trout. We are in the process of updating our Strategy and HWS but more importantly developing an implementation schedule that will direct our project list for a minimum of three years. The implementation schedule (plan) will focus on priority areas and actions that provide the greatest benefit to declining stocks of native salmonids. HWS will be used to manage and update the developed plan.

Explain how comments of technical, citizen, and policy reviews were addressed in finalizing the project list. Were there any issues about projects on the list and how were those resolved?

During our rating and ranking meeting, we utilize our Citizens and Technical Advisory Groups (CAG and TAG) to develop the final list of ranked projects to be submitted to the SRFB. First, our TAG evaluates the projects based on criteria outlined in the attached criteria and scores each project accordingly. Next, the TAG has a discussion to address any issues or concerns surrounding each project. Following the TAG discussion, the CAG discusses and ranks the projects based on the TAG's guidance and evaluation criteria associated with community interest and benefit (as described in the attached CAG evaluation criteria). Finally, the Lead Entity submits the Lead Entity List Memorandum with ranked projects based on final rankings by the CAG. This year we did not initially have enough anticipated funding to move forward with the top three projects on the list. The CAG made the decision to ask one of the sponsors to scale back their (#3) project so at least the project could be partially funded. The sponsor accepted this request and made the changes while looking for additional funding to augment the deficit. Once the SRFB released the final allocation amount, it was determined that our area would receive enough funding to nearly completely fund all three of the top projects on our list. The CAG made the decision to allocate the increase in expected funding to the #3 project, which left only a partial deficit to the original proposal amount. The sponsor seeks to procure the remaining funding from additional sources.

Project List Summary Table

Following is a project list summary table, reflecting the region's project list as of November 19. The Northeast Washington Salmon Recovery Region has five projects, totaling \$484,427.

Table 18: Northeast Washington Salmon Recovery Region Project List Summary, November 19, 2010

Northeast Washington						Regional Allocation: \$402,000			
Lead Entity:		Kalispel Tribe/Pend Oreille							
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
1 of 5	10-1504	R	Middle Branch LeClerc Creek Restoration	Kalispel Tribe	Steelhead/ Trout- unidentified DPS	Le Clerc Creek is considered core area habitat for the recovery of this species. Segments of this stream on private lands has been designated as critical habitat for bull trout.	Okay	\$286,577	
2 of 5	10-1761	R	Kapelke Diversion Screening	Fish & Wildlife Dept of	Steelhead/ Trout- unidentified DPS	The Screening Action Plan for Surface Water Diversions – Pend Oreille Watershed (WDFW 2010) lists this diversion (Site No. 1520010) as the highest priority for screening within WRIA 62. This portion of Mill Creek is designated as bull trout critical habitat by USFWS (2005).	Okay	\$23,683	
3 of 5	10-1571	R	Granite Subbasin Large Wood Replenishment	Fish & Wildlife Dept of	Steelhead/ Trout- unidentified DPS	The Granite subbasin is the highest priority area for habitat restoration identified in the Pend Oreille Lead Entity strategy (POSRT 2007).	Approved	\$91,740	

4 of 5	10-1035	P	East Fork Smalle Fish Passage Design	Pend Oreille County of	Steelhead/ Trout- unidentified DPS	The removal or replacement of culverts which have been identified as fish passage barriers is a high priority action identified in the Pend Oreille lead entity strategy (POSRT 2007) for the Calispell subbasin, a medium priority area. This portion of East Fork Smalle Creek is designated as bull trout critical habitat by USFWS (2004).	Okay	\$46,356	Alternate
5 of 5	10-1036	P	Smalle Creek Fish Passage Design	Pend Oreille County of	Steelhead/ Trout- unidentified DPS	The removal or replacement of culverts which have been identified as fish passage barriers is a high priority action identified in the Pend Oreille lead entity strategy (POSRT 2007) for the Calispell subbasin, a medium priority area.	Okay	\$36,071	Alternate



Puget Sound Salmon Recovery Region

Puget Sound
Partnership
P.O. Box 40900
Olympia, WA
98504-0900
(800) 54-SOUND

WWW.psp.wa.gov

Joe Ryan
Salmon Recovery
Program Manager
(360) 628-2426
joe.ryan@psp.wa.gov



Geography

The Puget Sound Salmon Recovery Region is comprised of all or part of Clallam, Island, Jefferson, King, Kitsap, Mason, Pierce, San Juan, Snohomish, Thurston, Skagit, and Whatcom Counties. It also is comprised of all or parts of 19 Water Resource Inventory Areas. The size of the Puget Sound Salmon Recovery Region is dictated by the Puget Sound Chinook Evolutionarily Significant Unit, identified by the National Marine Fisheries Service.

Water Resource Inventory Areas

All or parts of Nooksack (1), San Juan (2), Lower Skagit (3), Upper Skagit (4), Stillaguamish (5), Island (6), Snohomish (7), Cedar/Sammish (8), Green/Duwamish (9), Puyallup/White (10), Nisqually (11), Chambers/Clover (12), Deschutes (13), Kennedy/Goldsborough (14), Kitsap (15), Skokomish/Dosewallips (16), Quilcene/Snow (17), Elwha/Dungeness (18), Lyre/Hoko (19)

Federally Recognized Tribes

Lummi Nation, Makah Tribe, Nooksack Indian Tribe, Stillaguamish Tribe of Indians, Jamestown S'Klallam Tribe, Muckleshoot Tribe, Nisqually Indian Tribe, Port Gamble S'Klallam Tribe, Elwha Klallam Tribe, Puyallup Tribe of Indians, Samish Indian Nation, Sauk-Suiattle Indian Tribe, Skokomish Indian Tribe, Snoqualmie Tribes, Squaxin Island Tribe, Suquamish Tribe, Swinomish Indian Tribe, Tulalip Tribes, Upper Skagit Indian Tribe.

Table 19: Puget Sound Salmon Recovery Region Listed Species

Species Listed	Listed As	Date Listed
Puget Sound Chinook	Threatened	March 24, 1999
Puget Sound Steelhead	Threatened	May 11, 2007

Region and Lead Entities

On January 1, 2008, the Puget Sound Partnership Act, Section 49(3), Revised Code of Washington 77.85.090(3) designated the Puget Sound Partnership to serve as the regional salmon recovery organization for Puget Sound salmon species, except Hood Canal summer chum. There are 15 lead entity organizations in the Puget Sound Region.

Table 20: Puget Sound Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	Puget Sound Partnership
Plan Timeframe	50 years
Actions Identified to Implement Plan	More than 1,000
Estimated Cost	\$1.42 billion for first 10 years
Status	<p>Recovery plan for Puget Sound Chinook was adopted by the federal government in January 2007.</p> <p>Recovery planning for Puget Sound steelhead is ongoing. The National Oceanic and Atmospheric Administration Steelhead Technical Review Team is working on population identification and viability assessment.</p>
Implementation Schedule Status	3-year work plans for the Puget Sound recovery plan have been developed for each of the 14 watershed recovery chapter organizations. These work plans are updated and reviewed annually.
Puget Sound Partnership Web site	http://www.psp.wa.gov/

Regional Area Summary Questions and Responses

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region.

For the 2010 SRFB Grant Cycle and the biennial 2009-2011 Puget Sound Acquisition and Restoration (PSAR) funds, the Puget Sound Salmon Recovery Council affirmed at their January meeting the use of the same allocation methodology used in the 2007, 2008 and 2009 SRFB grant cycles. For SRFB funds, Summer Chum funds are allocated directly to the Hood Canal Coordinating Council. For PSAR funds, the Hood Canal Summer Chum ESU receives 5% of the total PSAR capital funds. The allocation methodology guides the distribution of funds to the fifteen Puget Sound watersheds/lead entities according to two criteria: (1) overall ecosystem benefit; and (2) emphasis on delisting.

How was the regional technical review conducted? What criteria were used for the regional technical review?

The lead entity technical and citizens' review process considers whether proponent projects fit with the local plan strategy and its priorities, and evaluates the certainty that the project will deliver desired results. Puget Sound Partnership staff and their partners understand that the SRFB technical panel provides an independent review to ensure that individual projects submitted by the lead entities are technically feasible and have a high likelihood of achieving the stated objectives. The process described below details the Puget Sound region's process for ensuring that the proposed lead entity projects support and are consistent with the local recovery plan strategies.

The Puget Sound Recovery Implementation Technical Team (RITT) liaisons evaluated each planning area's three-year work program update for consistency with the hypotheses and strategies in the regional recovery plan and the recovery plan for the WRIA/recovery planning area. These three-year work programs and the update review process were designed to be a transparent means of documenting local plan priorities and projects and demonstrating consistency with salmon recovery plans and the technical feedback provided by the Puget Sound RITT.

The Puget Sound Recovery Implementation Technical Team engaged in a technical review of each watershed's 3-year work plan. These plans were updated in April 2010 and include project lists and narrative material related to the plan goals, strategies, hypotheses, and suites of actions.

The technical team liaisons were asked to review their respective watersheds' 3-year work program updates according to the following:

- Consistency: Are the suites of actions and top priorities identified in the watershed's 3-year work plan or program consistent with the hypotheses and strategies identified in the recovery plan (Volume I and II of the Recovery Plan, NOAA supplement)?

- Pace and Status: Is implementation of the salmon recovery plan on track for achieving the 10-year goals? If not, why and what are the key priorities to move forward?
- Sequence and Timing: Is the sequencing and timing of actions appropriate for the current stage of implementation?
- Next Big Challenge: Does the 3-year work plan or program reflect any new challenges or adaptive management needs that have arisen over the past year?

In addition, the Puget Sound Recovery Implementation Technical Team performed a consistency check to ensure ranked project lists from each of the lead entities were consistent with priority suites of actions as indicated in the recovery plan, previous reviews, and comments. The team is not designed to review individual projects, their technical merits, or their relative priorities and sequencing. The Puget Sound Recovery Implementation Technical Team does however, evaluate the proposed projects for consistency with prioritized suites of actions in the recovery plans and the 3-year work plans previously reviewed.

Who completed the review (name, affiliation, and expertise) and are they part of the regional organization or independent?

The Puget Sound Recovery Implementation Technical Team members are independent of the Puget Sound Partnership and lead entity organizations. Members include:

- Mary Ruckelshaus, National Marine Fisheries Service, liaison for San Juan
- Ken Currens, Northwest Indian Fisheries Commission, liaison for Nisqually, Nooksack, and Hood Canal
- Kirk Lakey, Washington Department of Fish and Wildlife, liaison for Lake Washington, Cedar, Sammamish, Green/Duwamish, Puyallup/White, and Chambers/Clover Creek
- Kit Rawson, The Tulalip Tribes, liaison for Snohomish and Stillaguamish
- Norma Jean Sands, National Marine Fisheries Service, liaison for South Sound, East Kitsap/West Sound
- Eric Beamer, Skagit River System Cooperative, liaison for Island, Skagit

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule?

No projects were submitted that are not part of the regional implementation plan or are not in the Habitat Work Schedule.

How did your regional review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability?

The regional review process focused on reviewing the three-year work plans and the lead entity SRFB project lists for consistency with the Puget Sound Salmon Recovery plan

(regional, local chapters, and supplement). The focus on the recovery plan at both the regional and local scale emphasized the importance of high priority stocks per the recovery plan.

- Addresses cost-effectiveness?

The Puget Sound Salmon Recovery Council decided on an allocation per lead entity for SRFB funds to ensure the most effective use of SRFB funds for ecosystem restoration and species delisting. The region relies on the local project solicitation, review, and ranking processes to produce projects that are ready and will provide the highest benefit to salmon within the limits of each watershed's specified allocation.

Local Review Processes

The table on the following pages summarizes the technical and citizen review processes for each of the 15 Puget Sound lead entities and how the SRFB Review Panel was used in the local process. The table also summarizes how the Puget Sound 3-year work plan was used and how comments were addressed in finalizing the project list.

Table 21: Local Review Processes

Lead Entity	WRIA 1 Salmon Recovery Board Lead Entity
Evaluation Criteria	<p>General Categories – Freshwater Habitat</p> <ul style="list-style-type: none"> • Channel stability • Sediment load • Flow • Temperature • Habitat diversity • Key habitat quantity • Obstructions • Prioritization <p>General Categories – Estuarine and Near Shore Habitats</p> <ul style="list-style-type: none"> • Habitat diversity • Prioritization • Obstructions • Temperature • Key habitat quantity
Technical Advisory Group	<p>*Uses a combined review team that is composed of both technical staff and citizens.</p> <p>Organizations represented: Lummi Nation Natural Resources Department, Nooksack Tribe Natural Resource Department, Washington Department of Fish and Wildlife, Whatcom County Public Works, City of Lynden, Whatcom Conservation District, Washington Department of Natural Resources, Whatcom Land Trust, Nooksack Salmon Enhancement Association, Washington Sea Grant, City of Bellingham</p> <p>Technical specialties represented: Fisheries, habitat, forestry, restoration, geomorphology, geology, chemistry, soil, water quality, riparian, forestry, road maintenance, conservation, salmon life histories</p>
SRFB Review Panel Participation	<p>Participated in site visits and reviewed presentations. Participating SRFB Review Panel members provided comments on the pre-application materials. Applicants were asked to address the review panel comments in their final applications.</p>
Use of Implementation Plans or Habitat Work Schedule	<p>The CRT and WRIA 1 Salmon Recovery Board’s Management Team use the Project Selection Guidelines, information on priority reaches and project sequencing and staging as they review, recommend, and ultimately approve a project list for SRFB funding.</p>
How Comments Addressed	<p>The WRIA 1 Management Team reviewed the Combined Review Team (CRT) consensus recommendations, and on behalf of their respective WRIA 1 Salmon Recovery Board members, approve a ranked project list for the 2010 SRFB grant cycle. The CRT’s consensus recommendations presented to the Management Team included:</p> <ul style="list-style-type: none"> • Approve an amendment request by Lummi Nation to RCO to use unexpended funds on final design for Saxon Reach Restoration Project. • Request Lummi Nation consider modifications to the right bank side channel element of Saxon Reach Restoration Project application. • Incorporate improvements to two project applications: Nooksack Forks and Tributaries Riparian Restoration (NSEA) and North Fork Nooksack Wildcat Reach Restoration Phase 1 (Nooksack Tribe). • Identify North Fork Wildcat Reach Restoration Phase 2 as outlined on July 7 and in more detail on July 27 as an alternate project in

	<p>PRISM.</p> <p>The WRIA 1 Management Team accepted and approved the recommendations as presented by the CRT. After approval of the CRT recommendations, the SRFB meeting on August 11 resulted in a final SRFB allocation approximately \$83,000 higher than the estimated allocation. The additional funding enabled the Saxon Reach Project to incorporate final design into their proposed application, allowed additional riparian planting associated with the Nooksack Forks and Tributaries Riparian Restoration Project, and allowed for additional instream structure for the North Fork Wildcat Reach Phase 1 project.</p>
Lead Entity	San Juan County Community Development Lead Entity
Evaluation Criteria	<p>Benefit to salmon</p> <ul style="list-style-type: none"> • Fit to plan/strategy • Protection and restoration projects must show benefit of project to salmon and linkage with previous assessment work • Most cost-effective alternative to achieve outcome • Scientific merit • Project intent to address hypotheses and actions in the recovery strategy • Potential of project to inform efforts • Costs vs. benefits • Assessment projects must show how work will be used to inform activity associated with work plan <p>Socioeconomic impacts</p> <ul style="list-style-type: none"> • Build community support in terms of volunteer contributors and/or partners • Enhance community education and outreach • Complements, enhances, provides synergy with existing programs • Produces secondary community benefits such as increased public safety, decreased risk of property damage, improvements to infrastructure • Sustainable disposal plan <p>Certainty of success</p> <ul style="list-style-type: none"> • Technical feasibility • Limited maintenance • Materials appropriate in scale and complexity • Water availability • Methodology • Works with natural processes • Documented landowner cooperation • Make effective use of matching funds • Achievability • Self-sustaining • Permitting processes and requirements completed • Consideration of climate change/sea level rise
Technical Advisory Group	Organizations represented: Washington Department of Fish and Wildlife, , Skagit System Cooperative, Two Professors from University of Georgia, Tulalip Tribe, Physics/Chemistry teacher, and retired Habitat biologist.
SRFB Review Panel Participation	Participated in site visits and reviewed project presentations. SRFB Review Panel feedback was provided to each applicant. All project applicants had the opportunity to modify final proposals based on review panel feedback.
Use of Implementation	All proposed projects have come from the 3-year work plan.

Plans or Habitat Work Schedule	
How Comments Addressed	Comments were provided to project sponsors who had an opportunity to revise their proposals for final submittal. The final scoring by the Technical Advisory Group and Citizen Advisory Group was used as the basis for the final ranking and order of the projects on the project list. There were no deviations from the ranking based on the scoring.
Lead Entity	Skagit Watershed Council
Evaluation Criteria	SRFB Manual 18 Appendix H criteria ⁹
Technical Advisory Group	Restoration projects reviewed by Restoration & Protection Committee. Organizations represented: Skagit System Cooperative, Skagit Fisheries Enhancement Group, U.S. Forest Service, Skagit Watershed Council, Seattle City Light, Washington Department of Fish and Wildlife, Skagit County Public Works. Technical specialties represented: Geologist, fisheries technician, geomorphologist, restoration ecologist, fisheries biologist. In addition the Watershed Council engaged a small group of technical reviewers to review, comment, and score the grant applications. The Technical Review Team met on June 21 for a field tour followed by an office debrief and vetting of comments for the project sponsors. The reviewers met again on August 4 to review final grant applications and project sponsors' response to comments, and to assign technical scores. Our Technical Review Team included: <ul style="list-style-type: none"> • Doug Bruland, Fisheries Supervisor, Puget Sound Energy • George Pess, Research Fishery Biologist, NOAA Northwest Fisheries Science Center, Restoration Effectiveness Program • Gino Lucchetti, Senior Ecologist, King County Department of Natural Resources
SRFB Review Panel Participation	SRFB Review Panel members participated in early field review of projects and provided comments to project sponsors.
Use of Implementation Plans or Habitat Work Schedule	Projects accepted for consideration of funding must have met the following criteria: <ul style="list-style-type: none"> • Be specifically identified in or consistent with the Skagit Chinook Recovery Plan with priority given to tier 1 projects. • Be consistent with the objectives listed in the current version of the Skagit basin 3-year work plan. • Be consistent with the Skagit Watershed Council's Strategy (1998) • Be of an appropriate priority or sequence necessary for strategic implementation of the recovery plan.
How Comments Addressed	Project sponsors were required to respond to comments from our Technical Review Team and from the SRFB Review Panel. Our technical reviewers met again on August 4 to determine if their comments were adequately addressed by the project sponsors in their final grant applications and, therefore, if the project would proceed to prioritization. Our technical reviewers were also provided with the comments from

⁹ Several of the Puget Sound Salmon Recovery Region lead entities use the SRFB Manual 18, Appendix H – Technical Review and Project Evaluation Criteria. Those criteria are: watershed processes and habitat features, areas and actions, scientific, species addressed, life history, costs, appropriate scope, approach/scientific method, sequence, threat to salmonid habitat, stewardship, landowner support, and implementation.

	<p>our initial review and from the SRFB Review Panel for this review. None of the five projects had comments or issues that would prevent them from moving forward; however, the technical scores in part reflect the thoroughness with which the project sponsors' responded to comments and questions. We made our final technical comment and response forms available to the SRFB Review Panel.</p> <p>As the amount of SRFB funds requested in the submitted proposals was greater than the amount available, the Prioritization Group decided to address the matter as follows:</p> <ul style="list-style-type: none"> • Maintain the complete list of projects; • Reduce the cost and scope of Project # 5 – Hansen Creek Reach 5 Acquisition & Restoration – to cover the cost of acquisitions only; and • Reduce the total of Project # 2 - Skagit Tier 1 and 2 Floodplain Protection – by 4%, an amount that enables the acquisitions in Project # 5 to take place. <p>Skagit County, a funding partner on the Hansen Creek project, has subsequently increased their match to fund the restoration portion of the project.</p>		
Lead Entity	Stillaguamish Lead Entity		
Evaluation Criteria	<p>Benefit to fish</p> <ul style="list-style-type: none"> • Solves the cause of a problem • Completes a phased project or protects or connects existing high quality habitats • Clearly leads to future projects of high benefit <p>Certainty of success</p> <ul style="list-style-type: none"> • Self-sustaining, works with natural processes, maintenance requirements limited • Can be completed within 3 years or within scientifically defensible period <p>Socioeconomic benefit</p> <ul style="list-style-type: none"> • Builds local community support for salmon recovery <ul style="list-style-type: none"> • Implements high priority actions identified in recovery plan and 3-year work plan • Improves the abundance, diversity, and distribution of Endangered Species Act-listed Stillaguamish salmonid populations • Provides clear hypotheses about how the project will achieve its goals and objectives • Post-project monitoring is consistent with monitoring and adaptive management strategy in the recovery plan • Effectively leverages matching funds <ul style="list-style-type: none"> • Protects or restores natural ecosystem processes • Addresses documented research and data gaps or contributes substantively to knowledge of effective habitat protection or restoration project design and implementation • Designed for implementation with methods and materials appropriate in scale and complexity to efficiently achieve outcome • Project team has demonstrated skills and capacity to complete the full project • Implements low cost alternatives to achieve desired outcomes 		

	<ul style="list-style-type: none"> Contributes to implementation of the stewardship education and outreach strategy in recovery plan Produces secondary community benefits such as increased public safety, decreased risk of property damage, infrastructure improvements, and improved public access.
Technical Advisory Group	<p>Organizations represented: The Nature Conservancy, The Watershed Company, Washington Department of Fish and Wildlife, Tulalip Tribes, Snohomish County Public Works Department, Stillaguamish Tribe</p> <p>Technical specialties represented: Landscape ecologist, fisheries biologist, watershed steward, field studies coordinator, restoration ecologist, environmental manager, hydrology</p>
SRFB Review Panel Participation	SRFB Review Panel Members participated in the Stillaguamish SRFB Round 10 projects tour and provided written comments on the projects to Stillaguamish Lead Entity staff, which were forwarded to the project sponsors and the Projects Review Team. The Review Panel had concerns with some aspects of the Port Susan Estuary Restoration Project. Lead Entity staff worked closely with TNC to respond to the Review Panel's comments and assisted with interpreting the information relevant to the aspects in question. The sponsor submitted a written response to SRFB Review Panel comments on two occasions before Application submittal.
Use of Implementation Plans or Habitat Work Schedule	Encouraged proposals that address priorities in the Stillaguamish watershed Chinook salmon recovery plan, updated Stillaguamish salmon recovery 3-year work plan, and the Stillaguamish Salmon Recovery 2008 Monitoring and Adaptive Management Report.
How Comments Addressed	The lead entity brought forward two projects that were reviewed in the 2009 grant round. There were no issues with these projects on the list; they were the only two projects brought forward for approval for the 2010 grant round.
Lead Entity	Island County Lead Entity
Evaluation Criteria	<p>Benefit to salmon</p> <ul style="list-style-type: none"> What is the primary focus species? What Puget Sound stock does the project focus on? What geographic area is the project in? What is the site's local landscape context? What type of project is it? What ecosystem processes does the project address? <p>Certainty of success</p> <ul style="list-style-type: none"> What is the level of community support for the project? What is the level of matching funds? Is project consistent with Water Resource Inventory Area 6 goals and objectives? Are potential risks to the landowner and community identified and addressed? When will the project produce results? Is the project based on credible science? What is the project cost compared Does the project include a What level of maintenance will be

	<ul style="list-style-type: none"> to the benefit for salmon? Has funding been identified for maintenance? Are outreach activities included? 	<ul style="list-style-type: none"> monitoring and evaluation plan? What level of expertise or experiences does the sponsor have? Is the project time sensitive? 	<ul style="list-style-type: none"> required? Is volunteer participation included in the proposal?
Technical Advisory Group	<p>Organizations represented: Marine Resource Committee, Island County Planning Department, Restoration Technician, Conservation District, Washington Department of Fish and Wildlife, Wild Fish Conservancy, Skagit River System Cooperative, The Tulalip Tribes, Water Resources Advisory Committee, Whidbey watershed Stewards, Stillaguamish Tribe, Stilly-Snohomish Fisheries Enhancement Task Force, Washington State University Extension Program, Whidbey Camano Land Trust, and Orca Network</p> <p>Technical specialties represented: fisheries, habitat, forestry, restoration, geomorphology, geology, chemistry, soil, water quality, riparian, forester, road maintenance, conservation, salmon life histories</p>		
SRFB Review Panel Participation	SRFB Review Panel visited each of the proposed project sites and provided comment forms. Sponsors addressed panel comments in their final application proposals.		
Use of Implementation Plans or Habitat Work Schedule	All project proposals are included in the 3-year work plan.		
How Comments Addressed	Each proposal was reviewed and presented to both the WRAC and TAG. These opportunities included site visits, presentations and discussions at advisory group meetings, and written proposals/attachments were provided. Concerns and questions of the WRAC and TAG were provided to sponsors. Following these concerns, two of the three proposals withdrew regarding concerns about the proposals. Primarily, sponsors of the two withdrawn proposals felt that their proposals were not ready to move forward in this grant round due to incomplete assessments. A written response to the concerns are attached in PRISM. Sponsors also attended scoring and ranking meetings to answer concerns prior to scoring and final ranking.		
Lead Entity	Snohomish County Lead Entity		
Evaluation Criteria	Similar to SRFB Manual 18, Appendix H criteria		
Technical Advisory Group	<p>Organizations represented: Snohomish Surface Water Management, Stilly Snohomish Fisheries Enhancement Task Force, Washington Department of Fish and Wildlife, Tulalip Tribes, King County, Wild Fish Conservancy, City of Seattle</p> <p>Technical specialties represented: ecologist, biologist, fishery ecologist</p>		
SRFB Review Panel Participation	SRFB Review Panel members participated in projects site tour and provided comments, which were passed onto project applicants. Project applicants were required to address the SRFB Review Panel comments, as well as the comments provided by the local project subcommittee in the full applications. Project applicants were required to submit a cover letter explicitly stating where and how local and SRFB review comments were incorporated in the grant application.		
Use of Implementation Plans or Habitat	The projects submitted are Tier 1 and 2 elements in the 3-year watershed implementation work plan for the Snohomish River basin. All projects must either be listed explicitly in the work plan or be consistent with the plan's intent. All projects on the list meet both of these criteria.		

Work Schedule	
How Comments Addressed	The project sub-committee met for a full day following the project site tour to develop consensus comments for each project. These comments along with those of the SRFB Review Panel were provided to project sponsors. Project sponsors were required to provide a “cover letter” that described how they addressed local and SRFB Review Panel comments.
Lead Entity	WRIA 8 King County Lead Entity
Evaluation Criteria	<ul style="list-style-type: none"> How well does the application fit the Water Resource Inventory Area 8 Conservation Strategy? Does it address critical factors of decline for Chinook in a significant way? Is the project the right scale to meet its goal and objectives? Is the proposal well-thought out? Sufficiently detailed? Cost-effective? Is it in or does it benefit a high priority (Tier I) area? Does it contribute to previous projects toward providing ecosystem benefits? Is the project a high priority and benefit Chinook? Is the project cost effective in terms of benefits to Chinook. Does the project provide clear, expected outcomes?
Technical Advisory Group	Organizations represented: Lake Forest Park, Shoreline, Seattle Public Utilities, King County, Issaquah, Bellevue, Snohomish County Technical specialties represented: fisheries, ecologist, near shore, watershed steward, engineer, landscape architecture, and natural resources
SRFB Review Panel Participation	SRFB Review Panel members toured sites Review panel member comments from the site visits were shared with the project subcommittee and used by the project proponents when developing final applications.
Use of Implementation Plans or Habitat Work Schedule	Project applications are required to be on the 3-year work plan.
How Comments Addressed	Comments were addressed in final applications.
Lead Entity	WRIA 9 King County Lead Entity
Evaluation Criteria	Two high priority projects in the Salmon Recovery plan and SRFB funded earlier phases of both projects. These projects were not scored or ranked but instead focused resources on how to improve.
Technical Advisory Group	Organizations represented: King County, Seattle Public Utilities, Tacoma Public Utilities, WDFW, U.S. Army Corps of Engineers Technical specialties represented: ecologist, fish biologist, project manager
SRFB Review	SRFB Review Panel representatives were provided with pre-proposal materials in advance and then participated in the project site tour. Review

Panel Participation	panel project comments were provided to the project sponsors and this information was incorporated into the final SRFB applications.
Use of Implementation Plans or Habitat Work Schedule	The 3-year work plan was used to develop the project list based on the greatest benefit to Chinook salmon and project readiness.
How Comments Addressed	The Technical Advisory Group comments focused on how the project design or proposal could be improved, and these comments were incorporated by the project sponsors into the final grant application.
Lead Entity	Pierce County Lead Entity
Evaluation Criteria	SRFB Manual 18 Appendix H criteria Socioeconomic (Addressed by Citizens Advisory Committee) <ul style="list-style-type: none"> • Public visibility and participation • Encouraging cooperative watershed partnerships • Landowner willingness • Other economic and social benefits • Fit to the lead entity strategy
Technical Advisory Group	Organizations represented: Puyallup Tribe of Indians, King County Department of Natural Resources, Tacoma Water, Pierce County Water Programs, Washington Departments of Fish and Wildlife and Transportation, Muckleshoot Tribe, U.S. Forest Service Technical specialties represented: fish biologist, ecologist, environmental science, environmental biologist, watershed steward, regional biologist, fish habitat biologist
SRFB Review Panel Participation	SRFB Review Panel representative participated in the review of draft applications, attended projects site tour, and provided comments and feedback to individual sponsors. Project sponsors were to address all feedback in their final applications.
Use of Implementation Plans or Habitat Work Schedule	The 3-year work plan and project list are the primary basis for generating projects for SRFB applications. While the project list is the primary source of projects, project proposals also are solicited more generally through a Request for Proposal process. These projects must be consistent with the 3-year list and lead entity strategy.
How Comments Addressed	Feedback on projects occurred at three levels: <ul style="list-style-type: none"> • Feedback and questions to applicants in response to letters of intent and project descriptions discussed at a joint Technical Advisory Committee and Citizens Advisory Committee meeting. • Field trip discussion with applicants • Written and verbal feedback from the SRFB Review Panel, Citizen Advisory Committee, and Technical Advisory Group. Most of this feedback was reflected in final applications.

Lead Entity Nisqually River Salmon Recovery Lead Entity	
Evaluation Criteria	Used the Nisqually 3-year work plan and priorities in the Nisqually salmon recovery strategy to evaluate and select projects. Criteria included: <ul style="list-style-type: none"> • Geographic location and priority. • Is project addressing priority habitat features and watershed processes. • Appropriate project sequencing. • Local community support.
Technical Advisory Group	Organizations represented: U.S. Fish and Wildlife Service, Pierce County, Nisqually Indian Tribe, Washington Department of Fish and Wildlife, Thurston County, Nisqually Land Trust, South Puget Sound Salmon Enhancement Group. Technical specialties represented: fish and wildlife biologist, environmental biologist, salmon restoration biologist, habitat specialist, salmon research biologist, salmon project manager
SRFB Review Panel Participation	SRFB Review Panel members attended a project review field trip and provided written comments. Review panel comments were used by project sponsors to revise their applications before final submittal.
Use of Implementation Plans or Habitat Work Schedule	The 3-year work plan is used to encourage project sponsors to identify projects to propose for SRFB funding that are consistent with the plan. The projects submitted this year were drawn from the 3-year workplan.
How Comments Addressed	The reviews of this year's projects were generally positive regarding all the proposals. There were no issues about projects on the lists.
Lead Entity WRIA 13 Thurston Conservation District Lead Entity	
Evaluation Criteria	SRFB Manual 18, Appendix H criteria <ul style="list-style-type: none"> • Community involvement • Partnerships • Location • Expertise • Education
Technical Advisory Group	Organizations represented: Clover Park Technical College, Capitol Land Trust, Wild Fish Conservancy, People for Puget Sound, Squaxin Island Tribe, Thurston Conservation District, Washington Department of Fish and Wildlife, Olympia, Thurston Regional Planning Council, and South Puget Sound Salmon Enhancement Group, Clover Park Technical College. Technical specialties represented: environmental sciences; habitat restoration; timber, fish, and wildlife biologist; habitat specialist; habitat biologist; watershed steward
SRFB Review Panel Participation	SRFB Review Panel members participated in a project tour. Project sponsors integrated panel recommendations into the proposals.
Use of Implementation Plans or Habitat	Project sponsors pull prospective projects from the 3-year work plan. For the 2010 grant round the 3-year work plan was extensively revised with numerous refinements and additions based on the work through PSAR capacity funds to create the Juvenile Salmonid Nearshore Project Selection Tool. This tool help focuses on high priority sites for protection and restoration.

Work Schedule	
How Comments Addressed	During the field trip, issues around one of the projects surfaced, regarding a pair of culverts preventing fish passage, one under a railroad and another under a county road, within 500 feet of one another. The issue was that the county had recently replaced the culvert, but done so in a way that continued to prevent fish passage. The county noted that downstream the railroad culvert has prevented passage for 60+ years and that the county's HPA required that they remedy the blockage within seven years of installation. The committee took issue with using salmon dollars to pay for a blockage the county recently created and is obligated to fix, but struggled to balance that with the obvious benefit to the system if the pair of blockages were remedied in the coming year. In the end, the committee decided that there were too many social issues for the project and recommended that the sponsor remove the project from consideration while they work with the county to find additional monetary contributions to complete the project. Other draft projects were removed from consideration for reasons of landowner readiness. In the end, the committee and the comments from the Review Panel created a project list of three projects that fit the allocation of funding from the SRFB and using the remainder of the PSAR funds.
Lead Entity	WRIA 14 Mason Conservation District Lead Entity
Evaluation Criteria	SRFB Manual 18 Appendix H criteria <ul style="list-style-type: none"> • Community involvement • Partnerships • Location • Expertise • Education
Technical Advisory Group	Organizations represented: Wild Fish Conservancy, People for Puget Sound, Squaxin Island Tribe, Mason County, Washington Department of Fish and Wildlife, South Puget Sound Salmon Enhancement Group, Capitol Land Trust, Mason County, Department of Ecology, Washington Department of Natural Resources. Technical specialties represented: Environmental sciences, habitat restoration, timber fish and wildlife biologist, environmental services manager, habitat specialist, habitat biologist, fisheries biologist, watershed steward, water quality specialists
SRFB Review Panel Participation	SRFB Review Panel members participated in a project tour. Project sponsors integrated panel recommendations into the proposals.
Use of Implementation Plans or Habitat Work Schedule	Project sponsors pull prospective projects from the 3-year work plan.
How Comments Addressed	There is significant feedback throughout the project development process. Feedback from Lead Entity Committee members and SRFB Review Panel members is integrated into project proposals.
Lead Entity	West Sound Watershed Lead Entity
Evaluation Criteria	SRFB Manual 18, Appendix H criteria
Technical	Organizations represented: University of Washington, Hood Canal Coordinating Council, Kitsap County, Suquamish Tribe, Mid Sound Fisheries

Advisory Group	Enhancement Group, Pierce County, Washington Department of Fish and Wildlife, Bainbridge, National Oceanic and Atmospheric Administration, South Puget Sound Salmon Enhancement Group, Pierce Conservation District, Great Peninsula Conservancy, Wild Fish Conservancy, NOAA Fisheries Manchester, Bainbridge Island Land Trusts. Technical specialties represented: marine water quality, habitat restoration, salmon biology, water quality, salmon recovery, marine and freshwater habitat restoration, salmon and steelhead management, shoreline planner, fisheries biologist, steelhead and salmon research, project management
SRFB Review Panel Participation	SRFB Review Panel members participated in project site visits and sent comments to the lead entity and sponsors.
Use of Implementation Plans or Habitat Work Schedule	Project proposals were solicited from the suite of projects in the Puget Sound salmon recovery plan's 3-year work plan.
How Comments Addressed	Each project received constructive comments from the SRFB Review Panel which were discussed by the LE Committees as the list was finalized and ranked. There were no issues about the projects that needed to be resolved.
Lead Entity	Hood Canal Coordinating Council
Evaluation Criteria	<ul style="list-style-type: none"> • Domain Priorities from 3-year work plan • Project scale is appropriate and sufficient • Integration or association with other salmon recovery projects and assessments in the watershed • SRFB definition of high, medium, and low certainty • Duration of biological benefits • Benefit to fish • Project addresses key limiting factors • Project proponent and their partners' experience and capability • Certainty of success • Certainty that objectives can be achieved • SRFB definition of high, medium, and low benefits • Adequacy and appropriateness of design • Protects or restores natural functions and processes • Sequence is appropriate for watershed conditions • Cost appropriateness
Technical Advisory Group	Organizations represented: Northwest Watershed Institute, Hood Canal Coordinating Council, U.S. Fish and Wildlife, , Hood Canal Salmon Enhancement Group, , Washington Department of Fish and Wildlife, U.S. Forest Service, Kitsap County, Wild Fish Conservancy Technical specialties represented: expertise not identified.
SRFB Review Panel Participation	The SRFB RP and SRFB project manager were invited to attend project presentations, field visits and the technical evaluation and ranking meetings. However, they were only present at the field visits. Due to time and budget constraints it was decided the Review Panel members would not attend the Habitat Project List Committee (HPLC) ranking meeting.
Use of Implementation	The Hood Canal Coordinating Council Process Guide clearly documents that only projects that are on the 3-year work plan or were consistent with the three year work program.

Plans or Habitat Work Schedule	
How Comments Addressed	Technical comments from the lead entity Technical Advisory Group were provided to project sponsors during the preapplication phase and incorporated at that time before projects were finalized. The SRFB Review Panel also provided technical comments during the preapplication phase that were either addressed in the final application materials and, in some cases, by specific memos that have been attached in PRISM or specific meetings. Project reviews by the technical and citizen's committees during the ranking meetings yielded several requests and one specific condition for various projects that are being implemented cooperatively by all project sponsors.
Lead Entity	North Olympic Peninsula Lead Entity
Evaluation Criteria	<ul style="list-style-type: none"> • Watershed priority • Restores formerly productive habitat • Benefits a listed stock covered by recovery or implementation plan • Likelihood of success based on approach • Addresses limiting factor • Benefits other stocks • Supports restoration of ecosystem functions • Reasonableness of cost and budget • Addresses stock status and trends • Protects high quality fish habitat • Likelihood of success based on sponsor's past success in implementation
Technical Advisory Group	<p>Organizations represented: Elwha Klallam Tribe, Puget Sound Partnership, , Clallam Conservation District, Jamestown S'Klallam Tribe, Clallam County, Makah Tribe, Washington Department of Fish and Wildlife, North Olympic Salmon Coalition, Coastal Watershed Institute.</p> <p>Technical specialties represented: engineer, fisheries biologist, restoration planner, planning biologist, watershed scientist, marine biologist, fish habitat manager, watershed steward</p>
SRFB Review Panel Participation	SRFB Review Panel members participated in projects site visits. They provided comments and formal, written recommendations that were shared with project sponsors and lead entity members. The information was used to strengthen projects and also considered when ranking projects.
Use of Implementation Plans or Habitat Work Schedule	All proposed projects have come from the 3-year work plan.
How Comments Addressed	<p>The scores and reviewer comments are compiled. Twelve of thirteen TRG Members scored project grant requests. Then the North Olympic Lead Entity's Technical Review Group(TRG) held a meeting to review and approve those results. They also made a recommendation to the Lead Entity Group that they fund the top four ranked projects, and that any additional monies go to the top ranked project and any lesser funds come off the bottom ranked project. There was a request for reconsideration of that recommendation. So another meeting was held to review and reconsider the recommendation to be forwarded.</p> <p>The Lead Entity Group was then provided with the TRG Scoring Results and Project Funding Recommendation, the citizen advisory group comments and recommendations from the Watershed Planning Units, written comments provided by organizations and citizens and SRFB review panel comments and information at a meeting in which they make the project funding decision. A second such meeting was held this year to deal with remaining funds to be allocated and a further conference call will be held to further whittle the list.</p>

Project List Summary Table

Following is a project list summary table, reflecting the region's project list as of November 19. The Puget Sound Salmon Recovery Region has funding from both the Salmon Recovery Funding Board and the Puget Sound Acquisition and Restoration funds. At the October 2010 SRFB meeting 34 PSAR projects were approved for funding. Of the 34 projects 16 were funded with a combination of SRFB funds (state or federal). These projects are noted on the spreadsheet. There are no "projects of concern," four conditioned and 10 alternates.

For this report, the Hood Canal Salmon Recovery Region is shown separate from the Puget Sound Salmon Recovery Region. Hood Canal is in the Puget Sound Salmon Recovery Region for Chinook and steelhead, but is considered a separate salmon recovery region for summer chum. As part of the Puget Sound Salmon Recovery Region, the Hood Canal Coordinating Council receives a SRFB allocation from the Puget Sound Partnership for Chinook and steelhead at \$862,251. The Hood Canal Salmon Recovery Region also receives a separate \$472,350 or 2.35 percent in the SRFB regional allocation formula for Hood Canal summer chum.

Table 22: Puget Sound Salmon Recovery Region Project List Summary

Puget Sound Partnership						Regional Allocation:		\$8,450,040	
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or PSAR Alternate Amount
Lead Entity: Island County						Lead Entity Allocation:		\$268,875	
1 of 1	10-1716	R	Cornet Bay Shoreline Areas 4, 6, and 7 Restoration	NW Straits Marine Cons Found	Puget Sound	Highest geographic area (pg 27); High priority to restore habitat forming processes (pg 28); Also addresses Goal 1, Objective 3 of SRP (pg59)	Approved	\$268,875	\$0
Lead Entity: Nisqually River Salmon Recovery						Lead Entity Allocation:		\$465,430	
1 of 6	10-1868	A	Middle Mashel Protection Project	Nisqually R Land Trust	Puget Sound	High Priority Page 5	Okay	\$250,000	\$0
2 of 6	10-1867	A	Ceja Nisqually Shoreline Acquisition	Nisqually R Land Trust	Puget Sound	High Priority Page 1	Okay	\$166,803	\$0

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
3 of 6	08-2019	A	Mashel Shoreline Protection - Phase 1 (Scope Change)	Nisqually R Land Trust	Puget Sound		Approved	\$0		\$81,000
4 of 6	10-1872	A	Tanwax Nisqually Confluence Acquisition	Nisqually R Land Trust	Puget Sound	High Priority Page 5	Okay	\$166,803	Partial Funding, \$48,627	\$0
5 of 6	10-1881	R	Wilcox Reach Riparian Restoration 2010	Nisqually R Land Trust	Puget Sound	High Priority Line 27 in spreadsheet list	Okay	\$109,000	Alternate	\$0
6 of 6	10-1885	P	Lower Nisqually side-channel design	Nisqually Indian Tribe	Puget Sound	High Priority Page 5	Okay	\$125,000	Alternate	\$0
Lead Entity: North Olympic Peninsula						Lead Entity Allocation:	\$841,847			
1 of 7	10-1521	R	Elwha River ELJ Phase 1	Elwha Klallam Tribe	Puget Sound	N. Olympic 3-Yr Work Plan & Elwha Chapter of PS Chinook Plan Elwha River Fisheries Recovery Plan	Approved	\$578,048		\$0
2 of 7	10-1496	A	Dungeness Habitat Protection	Jamestown S'Klallam Tribe	Hood Canal/Puget Sound	N. Olympic 3-Year Workplan & PS Chinook Recovery Plan & Rec. Land Protection Strategies for Dungeness.	Approved	\$0		\$182,000
3 of 7	10-1456	R	McDonald Creek Large Wood Recovery	Jamestown S'Klallam Tribe	Puget Sound	N. Olympic 3 Yr Workplan, WRIA, 18 LFA pg 124 & Dungeness Chapter of PS Chinook Recovery Plan	Okay	\$50,000		\$0
4 of 7	10-1509	A	Pysht Floodplain Acquisition Phase Two	North Olympic Land Trust	Puget Sound	WRIA 19 Draft Salmon Recovery Plan	Approved	\$213,799		\$203,661

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
6 of 7	10-1887	R	Elwha River ELJ Phase 2	Elwha Klallam Tribe	Puget Sound	N. Olympic 3-Yr Work Plan & Elwha Chapter of PS Chinook Plan Elwha River Fisheries Recovery Plan	Okay	\$837,347	Alternate	\$0
7 of 7	10-1890	A	Pysht Floodplain Acquisition Phase Three	North Olympic Land Trust	Puget Sound	WRIA 19 Draft Salmon Recovery Plan	Okay	\$0		\$221,262
Lead Entity: Pierce County						Lead Entity Allocation:	\$627,585			
1 of 6	10-1877	C	South Prairie Creek Floodplain Acquisition	Pierce Co Conservation Dist	Chinook Salmon- unidentified ESU, Chum Salmon- unidentified ESU, Coho Salmon- unidentified ESU, Pink Salmon- Odd year ESU	Strategy, p. 37-38	Approved	\$0		\$334,475
2 of 6	10-1863	R	Calistoga Setback Levee - Construction	Orting City of	Chinook Salmon- Puget Sound ESU, Steelhead- Puget Sound DPS	Strategy, p. 37-38	Approved	\$313,880		\$907,000
3 of 6	10-1859	R	Middle Boise Creek Restoration	King County DNR & Parks	Chinook Salmon- Puget Sound ESU, Pink Salmon- Odd year ESU, Steelhead- Puget Sound DPS	Strategy, p. 37-38	Okay	\$113,705		\$0
4 of 6	10-1866	P	Linden Golf Course Oxbow Setback Levee	Puyallup City of	Chinook Salmon- Puget Sound ESU, Coho Salmon- Puget Sound/ Strait of Georgia ESU, Pink Salmon- Odd year ESU, Steelhead- Puget Sound DPS	Strategy, p. 37-38	Okay	\$200,000		\$0

Puget Sound Partnership						Regional Allocation:		\$8,450,040		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
5 of 6	10-1874	P	Titlow Estuary Restoration-Design Development	South Puget Sound SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	Strategy, p. 37-38	Okay	\$200,000	Alternate	\$0
6 of 6	10-1858	R	Salmon Creek Culvert Replacements	Sumner City of	Chinook Salmon-unidentified ESU, Chum Salmon-unidentified ESU, Coho Salmon-unidentified ESU, Pink Salmon-unidentified ESU	Strategy, p. 37-38	Okay	\$143,121	Alternate	\$0

Puget Sound Partnership							Regional Allocation:		\$8,450,040	
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
Lead Entity: San Juan County Community Development							Lead Entity Allocation:		\$310,855	
1 of 3	10-1789	P	Wild Salmon Recovery in San Juan County	Friends of the San Juans	Chinook Salmon-unidentified ESU, Chum Salmon-unidentified ESU, Coho Salmon-unidentified ESU, Pink Salmon-unidentified ESU, Sockeye Salmon-unidentified ESU	Tier I on 3 year work plan	Approved	\$0		\$159,999
2 of 3	10-1739	R	Thatcher Bay Nearshore Restoration Implement 2010	Skagit Fish Enhancement Group	Puget Sound	Tier II on 3 year work plan	Okay	\$141,379		\$0
2 of 3	09-1598	R	Thatcher Bay Nearshore Restoration Implementation	Skagit Fish Enhancement Group	Puget Sound	Tier II on 3 year work plan	Approved	\$159,999		\$149,522
3 of 3	10-1752	R	WRIA2 Derelict Fishing Net Removal	NW Straits Marine Cons Found	Puget Sound	Tier II on 3 year work plan	Approved	\$9,477		\$0
Lead Entity: Skagit Watershed Council							Lead Entity Allocation:		\$1,416,732	
1 of 5	10-1852	R	Howard Miller Steelhead Park Off Channel Enhance	Skagit Fish Enhancement Group	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	Tier 1; pg 5 SWC 2010 Strategic Approach	Approved	\$0		\$185,940

Puget Sound Partnership						Regional Allocation:		\$8,450,040		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
2 of 5	10-1769	A	Upper Skagit Tier 1 & 2 Floodplain Protection	Seattle City Light	Chinook Salmon-Puget Sound ESU	Tier 1 & 2; pg 4 SWC 2010 Strategic Approach	Approved	\$480,305		\$0
3 of 5	10-1795	P	Davis Slough Hydrologic Connectivity	Skagit Fish Enhancement Group	Chinook Salmon-Puget Sound ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Tier 1; pg 5 SWC 2010 Strategic Approach	Okay	\$191,712		\$0
4 of 5	10-1840	R	Lower Day Creek Restoration Phase 2	Skagit Fish Enhancement Group	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	Tier 1 & 2; pg 4 SWC 2010 Strategic Approach	Okay	\$167,450		\$0
5 of 5	10-1856	C	Hansen Creek Reach 5 Acquisition & Restoration	Skagit River Sys Cooperative	Chinook Salmon-Puget Sound ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Tier 3 SWC 2010 Strategic Approach	Approved	\$552,075		\$0
Lead Entity: Snohomish County						Lead Entity Allocation:		\$741,773		
1 of 3	10-1365	R	Stillwater Floodplain Restoration - Construction	Wild Fish Conservancy	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Sockeye	Identified in the Snohomish River Basin Salmon Conservation Plan as a tier-1 action for ecological recovery within this sub-basin strategy group. The project ID in the 3-year Work Plan is	Approved	\$240,752		\$240,248

Puget Sound Partnership						Regional Allocation:		\$8,450,040		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
					Salmon-unknown ESU, Steelhead-Puget Sound DPS	07 – MPR – 302.				
2 of 3	10-1338	R	Lower Skykomish River Restoration Project	Snohomish County	Chinook Salmon-Puget Sound ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Even year ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	N/A	Okay	\$231,725		\$0
3 of 3	10-1186	R	Upper Tychman Slough Restoration	Stilly-Snohomish FETF	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	The Plan identifies the Lower Mainstem Skykomish, the sub-basin that contains the McCoy Creek sub-watershed and Tychman Slough, as a high Chinook use sub-basin and a mainstem-primary restoration strategy group (SBSRF 2005).	Okay	\$270,000	Partial Funding	\$0
Lead Entity: Stillaguamish						Lead Entity Allocation:		\$506,545		
1 of 2	09-1410	R	Port Susan Bay Estuary Restoration	The Nature Conservancy	Chinook Salmon-Puget Sound ESU	Stillaguamish Chinook Salmon Recovery Plan, p. 95. Tier 1 priority in 3-Year Work Plan.	Approved	\$249,211		\$750,789
2 of 2	10-1792	R	Canyon Creek Roads Phase II	Stillaguamish Tribe of Indians	Chinook Salmon-Puget Sound ESU	Stillaguamish Chinook Salmon Recovery Plan, p. 99. Canyon Creek subbasin sediment control is high priority.	Okay	\$257,334		\$0

Puget Sound Partnership							Regional Allocation:		\$8,450,040	
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
Lead Entity: West Sound Watershed					Lead Entity Allocation:		\$286,615			
1 of 8	10-1878	P	West Sound Water Type Assessment Phase II	Wild Fish Conservancy	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	3 year Workplan	Approved	\$100,000		\$100,000
2 of 8	10-1875	P	Penrose Point Bulkhead Removal Final Design	South Puget Sound SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	3 year Workplan	Approved	\$0		\$90,000
3 of 8	10-1879	P	Chico Phase 3 Design	Kitsap County of	Chinook Salmon-unidentified ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS, Steelhead/Trout-unidentified DPS	3 year Workplan	Approved	\$48,115		\$21,557
4 of 8	10-1297	A	N. Kitsap Heritage Park, Phase II Acq.(Grover Cr.)	Kitsap County Parks and Rec	Chinook Salmon-Puget Sound ESU	3 year Workplan	Okay	\$100,000		\$0
5 of 8	10-1873	R	Maple Hollow Restoration	Key Peninsula	Chinook Salmon-Puget Sound ESU, Coho	3 year Workplan	Okay	\$25,000		\$0

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
8				Metro Park Dist	Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS					
6 of 8	10-1876	R	McCormick Creek Fish Passage Project	South Puget Sound SEG	Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	3 year Workplan	Okay	\$13,500		\$0
7 of 8	10-1882	P	West Bainbridge Shoreline Protection Feasibility	Bainbridge Island Land Trust	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	3 year Workplan	Approved	\$0		\$35,000
8 of 8	10-1864	P	Strawberry Creek Culvert Replacement Design	Mid-Puget Sound Fish Enh Grp	Chum Salmon-unknown ESU, Coho Salmon-unknown ESU, Steelhead/Trout-unknown DPS	3 year Workplan	Okay	\$77,000	Alternate	\$0
Lead Entity: WRIA 1 Salmon Recovery Board						Lead Entity Allocation:	\$794,480			
1 of 8	10-1810	R	NF Nooksack Wildcat Reach Restoration: Phase 1	Nooksack Indian Tribe	Chinook Salmon-Puget Sound ESU	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries	Approved	\$705,737		\$0

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
2 of 8	10-1300	R	South Fork Saxon Reach Project-Construction	Lummi Nation	Chinook Salmon-Puget Sound ESU, Steelhead-Puget Sound DPS	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries (pg B-10)	Approved	\$0		\$1,091,388
3 of 8	10-1777	C	Maple Creek Reach Acquisition and Restoration	Whatcom Land Trust	Chinook Salmon-Puget Sound ESU, Steelhead-Puget Sound DPS	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries (pg B-10)	Approved	\$0		\$255,935
4 of 8	10-1842	R	Nooksack Forks & Tributaries Riparian Restoration	Nooksack Salmon Enhance Assn	Chinook Salmon-Puget Sound ESU, Steelhead-Puget Sound DPS	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries	Approved	\$88,743		\$103,707
5 of 8	10-1808	P	South Fork Black Slough Reach ELJ Design	Nooksack Indian Tribe	Chinook Salmon-Puget Sound ESU	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries (pg B-10)	Approved	\$0		\$68,540

Puget Sound Partnership						Regional Allocation:		\$8,450,040		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
6 of 8	10-1807	P	South Fork DS of Hutchinson Creek ELJ Design	Nooksack Indian Tribe	Chinook Salmon-Puget Sound ESU	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries (pg B-10)	Approved	\$0		\$68,540
7 of 8	10-1806	P	South Fork Nooksack: Cavanaugh Island Restoration	Lummi Nation	Chinook Salmon-Puget Sound ESU, Steelhead-Puget Sound DPS	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries (pg B-10)	Approved	\$0		\$84,204
8 of 8	10-1910	R	NF Nooksack Wildcat Reach Restoration: Phase 2	Nooksack Indian Tribe	Chinook Salmon-Puget Sound ESU	1) 2010 WRIA 1 3-Year Plan 2) WRIA 1 Salmonid Recovery Plan, Near-Term Action #2, Appendix B Habitat Restoration in the Forks and major early chinook tributaries (pg B-10)	Okay	\$261,439	Alternate	\$0
Lead Entity: WRIA 13 Thurston Conservation District						Lead Entity Allocation:		\$217,476		
1 of 7	10-1772	R	Priest Point Park Bulkhead Removal	South Puget Sound SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	In WRIA 13, the nearshore habitats are the number one restoration priority .	Okay	\$105,000		\$0

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
2 of 7	10-1782	P	WRIA 13 Water Type Assessment Phase III	Wild Fish Conservancy	Chinook Salmon- unidentified ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Sockeye Salmon- unidentified ESU, Steelhead/Trout- unidentified DPS	Expansion of water type assessments in WRIA 13 is specifically identified in the WRIA 13 3-Year-Work-Program	Approved	\$20,000		\$68,700
3 of 7	10-1754	P	WRIA 13 Nearshore Acquisition Assessment	Capitol Land Trust	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	CLT will build upon prioritization already conducted by the WRIA 13 Lead Entity and the Squaxin Island Tribe using the Nearshore Project Selection Assistance Tool and the Chinook & Bull Trout Recovery Approach for the South Puget Sound Nearshore to identify high-priority, feasible acquisition projects	Okay	\$63,325		\$0
4 of 7	10-1784	P	Deschutes River ELJ/LWD Design Project	Thurston Conservation District	Chinook Salmon-Puget Sound ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	This project directly addresses targets and priorities within both the Puget Sound Chinook Recovery Plan's 3-Year-Work-Program South Sound Update (2010) and the Salmon Habitat Protection and Restoration Plan for WRIA	Approved	\$29,151		\$84,710

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
						13: Deschutes				
5 of 7	10-1757	R	Gull Harbor Estuary Barrier Removal	Capitol Land Trust	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	This project is ranked as a tier 1 priority project in the WRIA 13 Three-Year Work Plan.	Approved	\$0		\$165,089
6 of 7	10-1773	P	McLane Creek Watershed Project Development	South Puget Sound SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	McLane is the exception to this in WRIA 13 and for that reason is a high priority for restoration and protection.	Approved	\$0		\$72,125
7 of 7	10-1895	P	Boston Harbor Road Culvert Design	South Puget Sound SEG	Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	This project is ranked as a tier 1 priority project in the WRIA 13 Three-Year Work Plan.	Approved	\$0		\$64,501
Lead Entity: WRIA 14 Mason Conservation District						Lead Entity Allocation:	\$260,118			
1 of 3	10-1776	R	Midway Creek Fish Barrier Removal Project	South Puget Sound SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Yes, line 45	Approved	\$100,668		\$192,398

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
2 of 3	10-1779	R	Case Inlet Shoreline Enhancement Project	South Puget Sound SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Yes, line 53	Approved	\$79,450		\$40,050
3 of 3	10-1781	R	Squaxin Island Pier and Bulkhead Removal	South Puget Sound SEG	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	Yes, line 62	Approved	\$80,000		\$62,500
Lead Entity: WRIA 8 (King County)						Lead Entity Allocation:	\$483,915			
1 of 6	10-1360	R	South Lake Washington DNR Shoreline Restoration 2	Natural Resources Dept of	Chinook Salmon-Puget Sound ESU	WRIA 8 Start List actions C266, Volume II, Chapter 10, Page 40	Okay	withdrawn	withdrawn	withdrawn
2 of 6	10-1520	A	Royal Arch Reach Acquisitions - Phase II	Seattle Public Utilities	Chinook Salmon-Puget Sound ESU	WRIA 8 Start List actions C247, Volume II, Chapter 10, Page 35	Approved	\$12,881		\$275,496
3 of 6	10-1699	A	Cedar River Elliot Bridge Reach Acquire II 2010	King Co Water & Land Res	Chinook Salmon-Puget Sound ESU	WRIA 8 Start List actions C216B, Volume II, Chapter 10, Page 28	Approved	\$0		\$300,000
4 of 6	10-1634	R	South Lake Washington Habitat Construction	Renton City of	Chinook Salmon-Puget Sound ESU	WRIA 8 Start List actions C269, Volume II, Chapter 10, Page 41	Approved	\$300,475		\$20,000

Puget Sound Partnership						Regional Allocation:	\$8,450,040			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in recovery plan or strategy	Project Status	Grant Amount	Partial or Alternate	PSAR Amount
5 of 6	10-1558	P	Mapes Creek Mouth Daylighting Feasibility & Design	Seattle Public Utilities	Chinook Salmon-Puget Sound ESU	WRIA 8 Start List actions C271, Volume II, Chapter 10, Page 41	Approved	\$120,559		\$123,559
6 of 6	10-1750	R	Little Bear Creek - 132nd Ave Barrier Removal	Adopt A Stream Foundation	Chinook Salmon-Puget Sound ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Sockeye Salmon-unidentified ESU, Steelhead-Puget Sound DPS	WRIA 8 Start List actions N401, N403, Volume II, Chapter 11, Page 80-81	Approved	\$50,000		\$156,441
Lead Entity: WRIA 9 (King County)						Lead Entity Allocation:	\$365,544			
1 of 2	10-1125	P	Mill Creek Conf./Green River Design	Kent City of	Chinook Salmon-Puget Sound ESU	Pg. 7-62, Project LG-7, Lower Green River	Okay	\$200,000		\$0
2 of 2	10-1605	P	Duwamish Gardens Estuarine Rehabilitation Design	Tukwila City of	Chinook Salmon-Puget Sound ESU	Pg. 7-90, Project Duw-7, Shallow Water Habitat Creation	Approved	\$165,544		\$31,755



Snake River Salmon
Recovery Board
410B E. Main St.
Dayton, WA 99328

www.snakeriverboard.org

Steve Martin Executive
Director
(509) 382-4115
steve@snakeriverboard.org

Snake River Salmon Recovery Region



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October 2008

Geography

The Snake River Salmon Recovery Region is comprised of salmon-bearing streams in Walla Walla, Columbia, Garfield, Asotin, and parts of Franklin and Whitman Counties.

Water Resource Inventory Areas

Walla Walla (32), Lower Snake (33), and Middle Snake (35)

Federal Recognized Tribes

Confederated Tribes of the Umatilla Reservation and Nez Perce Tribe

Table 23: Snake River Salmon Recovery Region Listed Species

Species Listed	Listed As	Date Listed
Snake River Spring/Summer Chinook	Threatened	April 22, 1992
Snake River Fall Chinook	Threatened	April 22, 1992
Snake River Steelhead	Threatened	August 18, 1997
Snake River Bull Trout	Threatened	1998

Region and Lead Entities

The Snake River Salmon Recovery Board is both the regional organization and lead entity for the Snake River Regional Salmon Recovery Area.

Recovery Plan Status

Table 24: Snake River Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	Snake River Salmon Recovery Board
Plan Timeframe	15 years
Actions Identified to Implement Plan	264
Estimated Cost	\$115 million
Status	<p>National Oceanic and Atmospheric Administration (NOAA)-Fisheries approved an interim recovery plan for listed populations in the Snake River region in Washington in March 2006.</p> <p>Adoption by NOAA-Fisheries of a complete recovery plan for the middle Columbia River steelhead Distinct Population Segment in Washington and Oregon was approved in 2010.</p> <p>Adoption by NOAA-Fisheries of a complete recovery plan for the Snake River spring and summer Chinook and fall Chinook Evolutionary Significant Units and the Snake River steelhead Distinct Population Segment in Washington, Oregon, and Idaho is expected to be approved by NOAA in 2010.</p>
Implementation Schedule Status	An implementation schedule with a 3-year timeframe and with more detailed information on recovery plan actions and costs is being used by the Snake River Salmon Recovery Board and its plan implementation partners. This implementation schedule will appear as Appendix A in the 2011 SE Washington Management Unit Plan and it will be updated annually.
Snake River Salmon Recovery Board Web site	http://www.snakeriverboard.org/

Regional Area Summary Questions and Responses

Please note that because the Snake River Salmon Recovery Board serves as both the regional recovery organization and the lead entity for the area, the local and regional questions have been combined and the answers provided below.

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

Funding allocation is based on the biological benefit of individual projects on an annual basis. Project scorecards were developed to award more points to projects that immediately address an imminent threat followed by those that are in priority areas, the primary factors limiting productivity, certainty of project, project size, and project benefit relative to cost. The approach and criteria focuses internal funding allocation towards the areas with the highest biological priorities as established in the regional recovery plan without consideration for political or watershed boundaries.

How was the regional or lead entity technical review conducted?

The lead entity is comprised of a citizen committee and a technical committee that function jointly. To provide a more independent technical review, the Regional Technical Team was used to review project applications and provide comments to the regional board and lead entity committee. Regional Technical Team members participate in project field trips, review applications, make comment on pre-applications, and attend the final project review and scoring meeting. In addition, the project scoring criteria was reviewed by members of the Regional Technical Team to be certain that the criteria and point allocations for the various categories were consistent with the regional recovery plan.

What criteria were used for the regional or lead entity technical and citizens review?

The Regional Technical Team evaluated projects using the following criteria:

- Project location, i.e., is the project in an area with high intrinsic potential and in a priority stream reach?
- Limiting factors, i.e., is the project addressing one or more of the limiting factors for its location?
- Project design, i.e., based on years of individual and collective experience, will the project design meet its intended purpose?
- Project size, i.e., is the project large enough to make a significant difference? Consider:
 - Riparian acres impacted
 - In-stream flow
 - In-stream habitat or useable habitat opened
 - Upland best management practices
- Cost benefit. Consider:
 - Cost-benefit relationship based on community values
 - Past experience with project costs
 - Cost-share
 - Perceived project value relative to other proposed projects
 - Number of Endangered Species Act listed species

- Others

Who completed the review (name, affiliation and expertise) and are they part of the regional organization or independent?

Regional Technical Team members include (Note that three of the team members are also members of the lead entity committee):

- Chris Pinney, U.S. Army Corps of Engineers, fisheries biologist
- Del Groat, U.S. Forest Service, fisheries biologist (also on lead entity technical team)
- Glen Mendel, Washington Department of Fish and Wildlife
- Dave Karl, Washington Department of Fish and Wildlife, watershed steward
- Mark Grandstaff, Washington Department Fish and Wildlife, habitat biologist (also on lead entity technical team)
- Jed Volkman, Confederated Tribes of the Umatilla Indian Reservation, habitat biologist (also on lead entity technical team)

For the first time, this year the Snake River Recovery Board requested RTT independent ranking of the projects. The RTT ranked order of projects is provided on the following page. A couple things are important (1) several of the projects reviewed by the RTT occurred during the “fix-it-loop” and were subsequently voluntarily withdrawn by the sponsor based on low technical support for their project and (2) the RTT was unaware that the Tucannon Geomorphic Assessment will inform/guide significant implementation funding from BPA.

- Regional Technical Team Ranked Project List – July 2010
- The RTT believes that the following projects represent the greatest immediate and long-term benefits to salmon
 1. Tucannon River Off-Set Dike (10-1633)
 2. Chatman Conservation Easement Acquisition (10-1820)
 3. Ford Easement (10-1823)
 4. Fritze/Tracy Conservation Easement Acquisition (10-1824)
 5. Touchet River McCaw Reach Restoration Project, Phase B (10-1826) POC
 6. Tucannon LWD Stream Habitat Restoration (10-1832)
 7. Mill Creek Japanese Knotweed Removal (10-1827)
 8. Bridge to Bridge Levee Project (10-1819)

9. Pataha Creek Fish Passage Rectification (10-1828)
 10. Yellowhawk Barrier Removal (10-1834)
 11. Jones Ditch Fish Screen Project (10-1825)
 12. Farrens Easement Assessment (10-1822)
 13. Tucannon River Geomorphic Assessment (10-1831)
 14. Blalock Irrigation District No 13 (10-1817)
 15. Regional Culvert Designs (10-1821)
 16. Mill Creek Instream Restoration - Construction, Farrens (10-1835) POC
 17. Walla Walla River Restoration - Construction, Johnson Site (10-1833) POC
 18. G&A Smith Farms Sediment Retention Project (10-1787) POC
 19. Alpowa Creek Riparian Habitat Restor & Protect Proj (10-1816) POC
 20. Touchet River LWD (10-1830) POC
- Projects 11, 16, 17, 18, 19 and 20 were voluntarily withdrawn by the sponsor after RTT review and before the August 25 submission date to SRFB.

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule? (If so please provide justification for including these projects to the list of projects recommended to the SRFB for funding. If the projects were identified in the regional implementation plan or strategy but considered a low priority or is a low priority area, please provide justification.)

All projects on the 2010 list are identified in the regional recovery plan.

How did your regional or lead entity review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability? In addition to limiting factors analysis, SASSI, and SSHIAP¹⁰, what stock assessment work has been done to date to further characterize the status of salmonid species in the region?

All Endangered Species Act listed stocks are a high priority for salmon recovery. SASSI, SSHIAP and EDT were used to characterize the status of stocks and habitats. Additionally,

¹⁰ SASSI = Salmon and Steelhead Stock Inventory; SSHIAP=Salmon and Steelhead Habitat Inventory and Assessment Program

the Washington State Department of Fish and Wildlife annually continues to assess stock status in the Asotin, Tucannon, Touchet and Walla Walla basins. Further, WDFW has installed temporary adult trapping facilities in the Alpowa, George and Coppei creeks to determine adult abundance. The results are that the smaller streams are contributing more significantly to population abundance and spatial structure than originally thought. As a result of this information the RTT may recommend stronger consideration for protection and/or restoration actions in these smaller systems. Benefit to salmon is based on two primary criteria (1) location and (2) limiting factors addressed, followed by sub-criteria, including (1) size, and (2) cost-benefit. A project that provides benefit to salmon is one in a priority reach within a Major Spawning Area, addressing multiple prioritized limiting factors, is large and demonstrates high cost-benefit.

- Addresses cost-effectiveness?

This is primarily conducted in the pre-application phase. Project budgets are evaluated based on experience with similar projects completed in previous rounds and reviewers are asked to comment whether they think the project is cost-effective, or that a more cost-effective approach exists. Applicants revise or withdraw their projects based on this early input. The final review occurs during the project ranking when the Lead Entity Committee can recommend that a project be "moved down the list" based on cost-benefit. The Lead Entity/Board then evaluates this recommendation and with input from the RTT and staff can accept the recommendation. Explain how and when the SRFB Review Panel participated in your regional or lead entity process, if applicable.

The SRFB review panel plays an important role in review of our prospective projects, pre-application projects and final projects. The RP attended a project tour in the spring where they joined regional technical representatives and Lead Entity staff to meet with the project sponsors on-site and discuss the projects. Written review of those projects was provided by the RP to the sponsors and then staff assisted the sponsors revise their applications to incorporate recommendations provided by the RP. In several instances the prospective project was withdrawn or significantly altered to address the RP recommendations and/or RTT comments. The final project applications will be reviewed by the RP this fall and any final recommendations will be considered.

Explain how multi-year implementation plans or habitat work schedules were used to develop project lists

The Three-Year Implementation Work Plan/Habitat Work Schedule was distributed to potential project sponsors months in advance of the grant round for them to use in identifying high priority projects. All of the projects on the 2010 grant round list were identified in the work schedule.

Explain how comments of technical, citizen, and policy reviews were addressed in finalizing the project list. Were there any issues about projects on the list and how were those resolved?

Staff compiled technical comments from the RTT and SRFB review panel, and comments from the citizens and Board that were received during (1) pre-application reviews, (2) field tours, (3) Board meetings, (4) and final application review meetings and provided them to sponsors. Sponsors then addressed the comments in their final applications or withdrew their application. A lingering issue about assigning a cost estimate for conservation easements was resolved in the previous grant round by requesting the conservation easement proposals begin as an assessment for the purpose of funding the appraisal, stewardship plan, survey and conservation agreement. This "phased" approach was so that the Board/Lead Entity would know definitively the property's conservation easement value and what the terms of the agreement are prior to obligating funding

Project List Summary Table

Following is a project list summary table, reflecting the region's project list as of November 19. The Snake River Salmon Recovery Region has 12 projects, totaling \$1,784,880. There was one project that was withdrawn before the Regional Area Project Meeting.

Table 25: Snake River Salmon Recovery Region Project List Summary

Snake River Salmon Recovery Board							Regional Allocation:	\$1,784,880		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate	
Lead Entity:		Snake River Salmon Recovery Board								
1 of 12	10-1633	R	Tucannon R Off-Set Dike Constr Cost Increase	Columbia Conservation Dist	Chinook Salmon-Snake River Fall-run ESU, Chinook Salmon-Snake River Spring/Summer-run ESU, Steelhead-Snake River Basin DPS	Work Plan Page 19, HWS code 35-00219	Okay	\$460,000		
2 of 12	10-1827	R	Mill Creek Japanese Knotweed Removal	Walla Walla Co Cons Dist	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Work Plan Page 11, HWS code 32-00484	Okay	\$17,500		
3 of 12	10-1832	R	Tucannon LWD Stream Habitat Restoration	Fish & Wildlife Dept of	Chinook Salmon-Snake River Spring/Summer-run ESU, Steelhead-Snake River Basin DPS	Work Plan Page 19, HWS code 35-00220	Okay	\$177,424		
4 of 12	10-1820	A	Chatman Conservation Easement Acquisition	Blue Mountain Land Trust	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Work Plan Page 7, HWS code 32-00304	Okay	\$70,980		
5 of 12	10-1828	R	Pataha Creek Fish Passage Rectification	Umatilla Confederated Tribes	Chinook Salmon-Snake River Spring/Summer-run ESU, Steelhead-Snake River Basin DPS	Work Plan Page 22, HWS code 35-00328	Okay	\$327,000		
6 of 12	10-1819	P	Bridge to Bridge Levee Final Design	Tri-State Steelheaders Inc	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle	Work Plan Page 25, HWS code	Okay	\$58,150		

Snake River Salmon Recovery Board							Regional Allocation:	\$1,784,880		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate	
					Columbia River DPS	32-00421				
7 of 12	10-1834	R	Yellowhawk Barrier Removal	Inland Empire Action Coalition	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Work Plan Page 7, HWS code 32-00221	Okay	\$50,836		
8 of 12	10-1822	P	Farrens Easement Assessment	Inland Empire Action Coalition	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Work Plan Page 15, HWS code 32-00304	Okay	\$38,195		
9 of 12	10-1831	P	Tucannon River Geomorphic Assessment and Design	Walla Walla Community College	Chinook Salmon-Snake River Fall-run ESU, Chinook Salmon-Snake River Spring/Summer-run ESU, Steelhead-Snake River Basin DPS	Work Plan Page 26, HWS code 35-00401	Okay	\$220,480		
10 of 12	10-1824	C	Fritze/Tracy Conservation Easement Acquisition	Blue Mountain Land Trust	Steelhead-Middle Columbia River DPS	Work Plan Page 10, HWS code 32-00503	Okay	\$85,295		
11 of 12	10-1826	R	Touchet River McCaw Reach Restoration, Site B	Walla Walla Co Cons Dist	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Work Plan Page 9, HWS code 32-00276	0	withdrawn	withdrawn	
12 of 12	10-1823	C	Ford Easement	Inland Empire Action Coalition	Chinook Salmon-Middle Columbia River spring-run ESU, Steelhead-Middle Columbia River DPS	Work Plan Page 7, HWS code 32-00304	Okay	\$279,020		

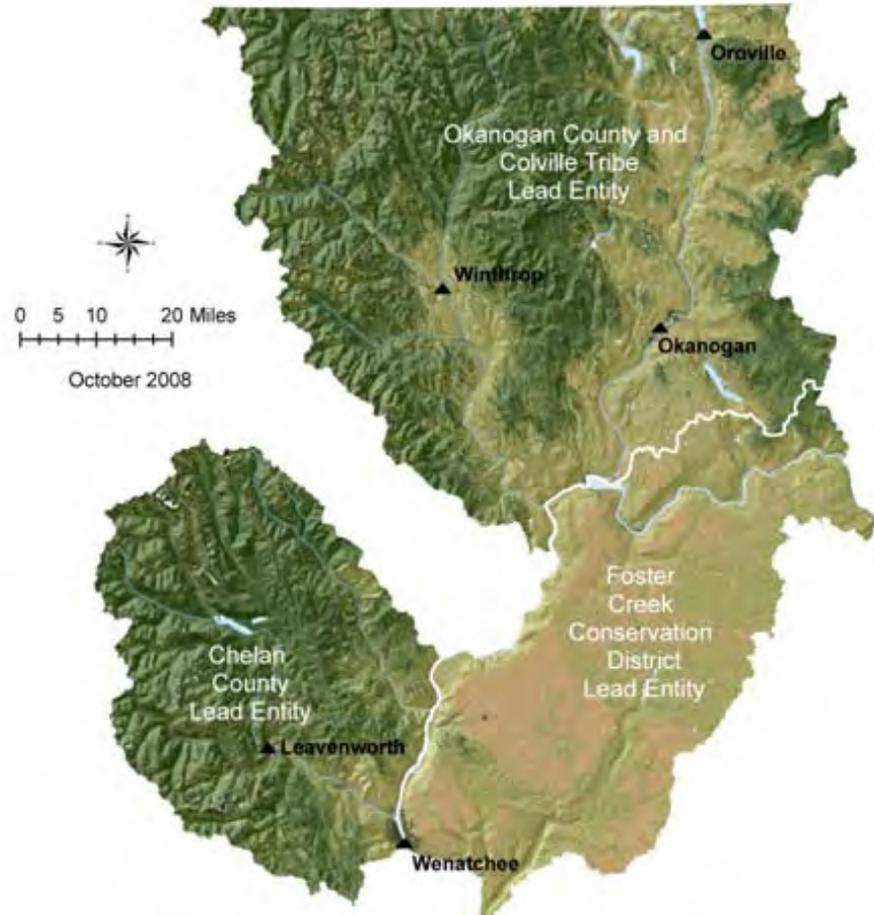


Upper Columbia River Salmon Recovery Region

Upper Columbia Salmon Recovery Board
415 King St.
Wenatchee, WA 98801

www.ucsrb.com

Julie Morgan
Executive Director
(509) 662-4710
Julie.morgan@ucsrb.com



Geography

The Upper Columbia River Salmon Recovery Region is comprised of salmon-bearing streams in Chelan, Douglas, and Okanogan Counties.

Water Resource Inventory Areas

Moses Coulee (44), Wenatchee (45), Entiat (46), Methow (48), Okanogan (49), and Foster (50)

Federally Recognized Tribes

Confederated Tribes of the Colville Reservation and the Yakama Nation

Table 26: Upper Columbia River Salmon Recovery Region Listed Species

Species Listed	Listed As	Date Listed
Upper Columbia River Spring Chinook	Endangered	March 24, 1999
Upper Columbia River Steelhead	Threatened	August 18, 1997

Region and Lead Entities

The Upper Columbia Regional Salmon Recovery Board serves as the regional organization and there are three lead entities within the region: Chelan County, Foster Creek Conservation District, and Okanogan County.

Table 27: Upper Columbia River Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	Upper Columbia Salmon Recovery Board
Plan Timeframe	10-30 Years
Actions Identified to Implement Plan	296
Estimated Cost	\$734 million over the next 10 years
Status	Federal government adopted recovery plan for upper Columbia River spring Chinook and steelhead in October 2007.
Implementation Schedule Status	An implementation schedule with timeframes of 3 years, 6 years, 10 years, and beyond, and with more detailed information on recovery plan actions and costs is being used by the Upper Columbia Salmon Recovery Board and its plan implementation partners.
Upper Columbia Salmon Recovery Funding Board Web site	www.ucsr.com

Regional Area Summary Questions and Responses

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

The Upper Columbia Lead Entities (Lead Entities) and the Upper Columbia Salmon Recovery Board (UCSRB) agreed to approach the 11th SRFB funding process in much of the same way as previous years. The only modification the region made this year was in the way to merge the separate Lead Entity lists for consideration by the Joint Citizen Advisory Committee. In previous years, the UCSRB merged the lists following the hierarchical rank of projects down the list (i.e. equity-based). This year, the UCSRB merged the lists using the same sequence presented by each of the Lead Entities, but used the total RTT score as the primary determinant in establishing the hierarchy of the merged project list (i.e. biological priority-based).

The UCSRB facilitates a process that allocates funds within the Upper Columbia based on consistency with the regional biological priorities established in the *Upper Columbia Biological*

Strategy (RTT 2009), and the *Upper Columbia Spring Chinook Salmon and Steelhead Recovery Plan* (UCSRB 2007). Since the previous SRFB grants have matched the regional priorities in recent grant cycles, the Lead Entities consider these criteria to be an appropriate guideline for funding allocation. Moreover, the biological priorities in the Regional Strategy closely match those in the Salmon Recovery Plan.

How was the regional technical review conducted?

Since 2001 the Upper Columbia Regional Technical Team has provided formal technical review for the three upper Columbia lead entities. At that time it developed a procedure to rate projects on technical merits and consistency with regional biological priorities (RTT 2001).

When the Upper Columbia Regional Salmon Recovery Board adopted the draft salmon recovery plan, the technical team revised the project rating criteria based on the Viable Salmonid Population (VSP) parameters established in the plan. In preparation for this grant round, the technical team used the latest revised Biological Strategy (RTT 2009) to continue to ensure consistency with the salmon recovery plan.

What criteria were used for the regional technical review?

The Upper Columbia Regional Technical Team evaluated projects using the criteria described in detail in Attachment B of its regional submittal and are summarized as follows:

- Benefit to VSP abundance or productivity
- Benefit to VSP spatial structure or diversity
- Does the project address one or more limiting factors identified in the recovery plan?
- Is this a priority watershed (or major spawning area) for the populations?
- Is the project dependent on other limiting factors being addressed first (sequencing)?
- Is the project design adequate to achieve the stated objectives?
- Permitting feasibility
- Reflection of cost estimate on all expected tasks

Who completed the review (name, affiliation, and expertise) and are they part of the regional organization or independent?

The Regional Technical Team is an independent group of natural resource professionals with a broad range of expertise relevant to salmon recovery and habitat rehabilitation. Regional Technical Team members include:

- Casey Baldwin, Washington Department of Fish and Wildlife
- Cameron Thomas, U.S. Forest Service
- Dale Bambrick, National Oceanic and Atmospheric Administration, National Marine Fisheries Service

- Steve Hays, Chelan County Public Utilities District
- Chuck Peven, Chelan County Public Utilities District
- Joe Kelly, Bureau of Land Management
- Tom Kahler, Douglas Public Utilities District
- Russell Langshaw, Grant County Public Utilities District
- Michelle McClure, National Oceanic and Atmospheric Administration, National Marine Fisheries Service
- Keely Murdoch, Yakama Nation
- Kate Terrell, U.S. Fish and Wildlife Service
- Karl Polivka, U.S. Forest Service
- John Arteburn, Confederated Tribes of the Colville Reservation
- Tracy Hillman, BioAnalysts, Inc.
- Joe Lange, Natural Resources Conservation Service

Were there any projects submitted to the SRFB for funding that were not specifically identified in the regional implementation plan or habitat work schedule? (If so please provide justification for including these projects to the list of projects recommended to the SRFB for funding. If the projects were identified in the regional implementation plan or strategy but considered a low priority or is a low priority area, please provide justification.)

No.

How did your regional review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability?

The Upper Columbia Biological Strategy (RTT 2009) identifies actions to consider in implementing projects with high biological benefit. The actions are rated and then compared across the entire Evolutionary Significant Unit.

- Addresses cost-effectiveness?

Regional Technical Team scoring criteria (for restoration and assessment projects) consider whether the cost estimate reflects all the expected tasks needed to complete the project. The Citizen Advisory Committees address cost-effectiveness through three criteria: project longevity, project size, and economics.

Provide project evaluation criteria and documentation of your local Citizens Advisory Group and Technical Advisory Group ratings for each project, including explanations for differences between the two group's ratings.

The Regional Technical Team serves as the technical review body for the region's three lead entities. The technical criteria used are described above in the regional technical review section.

The individual lead entities' citizen committees and the Joint Citizen Advisory Committee (comprised of three members from each lead entity) used the following criteria to rank projects:

- Benefits to fish
 - How did the Regional Technical Team rate this project?
 - Does the project address documented habitat limiting factors as outlined in the draft upper Columbia salmon recovery plan, biological strategy, or local watershed plan?
 - Is the project consistent with the recovery plan implementation strategy?
- Certainty of success
 - Is the project or assessment based on proven scientific methods that will meet objectives?
 - Are there any obstacles that could delay the implementation of this project or study (permitting or design)?
 - Who has responsibility to manage and maintain the project? What is the responsibility of current or future landowners?
 - Has the sponsor successfully implemented projects in the past?
- Project longevity
 - Are the benefits associated with the project in perpetuity?
 - Will the project last only a few years?
 - Is there a high risk of failure associated with this project?
- Project size
 - How much habitat is being protected or gained? Are threats imminent?
 - Is the scale of the proposed action appropriate?
- Community support
 - Does the project build community support for salmon recovery efforts?
 - Has the project sponsor secured landowner participation or acceptance?
 - Is there any community outreach planned during or after implementation?
- Economics
 - Does the project provide a negative or positive impact to the local economy?
 - Does the project represent an opportunity for economic benefit?

- Will this project help the region move closer to delisting or reduce regulatory intervention?

Identify your local technical review team (include expertise, names, and affiliations of members.)

The Regional Technical Team serves as technical review for the lead entities. Please see regional technical review team above.

Explain how and when the SRFB Review Panel participated in your local process, if applicable.

Representatives from the SRFB Review Panel participated throughout the project review process, including pre-proposal project tours, pre-proposal presentation workshop, project tours, and final application technical review.

Explain how multi-year implementation plans or habitat work schedules were used to develop project lists.

The principle guiding document for identifying appropriate projects for implementation in the region is the 2007 *Upper Columbia Spring Chinook Salmon and Steelhead Recovery Plan*. The plan outlines projects that sponsors use to identify priority projects. The upper Columbia regional recovery organization is working with upper Columbia lead entities to populate the Habitat Work Schedule and uses it as an on-line implementation schedule for the Recovery Plan.

Explain how comments of technical, citizen, and policy reviews were addressed in finalizing the project list. Were there any issues about projects on the list and how were those resolved?

The Regional Technical Team provided three separate technical reviews and the Lead Entity Citizen Advisory Committees each met to hear presentations from the project sponsors. Comments and concerns were addressed throughout the process through close interaction among the technical and citizens committees. In the end, there were no issues with project ranking for this year. However, the citizen's committee has expressed interest in re-evaluating the methods used for merging the two lead entity lists into one regional list. In addition, they want to develop review criteria to evaluate the risk of development for habitat protection projects.

Project List Summary Table

Following is a project list summary table, reflecting the region's project list as of November 19. The Upper Columbia River Regional Salmon Recovery Region has 18 projects, totaling \$2,538,544. Of the projects submitted, there is one project conditioned, one alternate, and four others that have been withdrawn.

Table 28: Upper Columbia River Salmon Recovery Region Project List, November 20, 2010

Upper Columbia Salmon Recovery Board						Regional Allocation:	\$2,180,850		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
Lead Entity: Okanogan County						Lead Entity Allocation:	\$1,110,100		
1 of 7	10-1860	R	Remove fish passage in Loup Loup Creek	Okanogan County Public Works	Chinook Salmon-Upper Columbia River summer/fall-run ESU	0	0	withdrawn	withdrawn
2 of 7	10-1801	A	Middle Methow River Acquisition RM 48.7	Methow Salmon Recovery Found	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; Middle Methow Assessment Unit; UC Implementation Schedule	Okay	\$139,860	
3 of 7	10-1813	A	Upper Methow Riparian Protection IV	Methow Conservancy	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; Upper Methow Assessment Unit; UC Implementation Schedule	Okay	\$308,552	
4 of 7	10-1861	A	McLoughlin Falls 2010	Fish & Wildlife Dept of	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; Lower Okanogan Assessment Unit; UC Implementation Schedule	Condition	\$400,000	
5 of 7	10-1802	A	Methow River Acquisition 2010 RM 41.5	Methow Salmon Recovery Found	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; Middle Methow Assessment Unit; UC Implementation Schedule	Okay	\$106,356	

Upper Columbia Salmon Recovery Board						Regional Allocation:	\$2,180,850		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
6 of 7	10-1803	A	Methow River Acquisition 2010 RM 39.5	Methow Salmon Recovery Found	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; Middle Methow Assessment Unit; UC Implementation Schedule	Okay	\$110,348	
7 of 7	10-1815	A	Methow River Acquisition 2010 RM 56.0	Methow Salmon Recovery Found	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; Upper Methow Assessment Unit; UC Implementation Schedule	Okay	\$44,984	
Lead Entity: Chelan County						Lead Entity Allocation:	\$1,070,750		
1 of 11	10-1843	R	Dillwater LWD Enhancement	Chelan Co Natural Resource	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Instream, LWD Structures; Middle Entiat (Stillwater's) Assessment Unit, UC Implementation Schedule	Okay	\$167,000	
2 of 11	10-1900	R	Boat launch off-channel reconnection project	Chelan Co Natural Resource	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Steelhead-Upper Columbia River DPS	Channel Connectivity, Off-Channel Habitat; Lower Wenatchee Assessment Unit; UC Implementation Schedule	Okay	\$74,750	
3 of 11	10-1901	R	Lower Wenatchee Instream Flow Enhancement	Trout Unlimited Inc.	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Steelhead-Upper Columbia River DPS	Irrigation Practice Improvements; Lower Wenatchee Assessment Unit; UC Implementation Schedule	Okay	\$205,000	

Upper Columbia Salmon Recovery Board						Regional Allocation:	\$2,180,850		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
4 of 11	10-1804	A	White River Van Dusen Conservation Easement	Chelan-Douglas Land Trust	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Sockeye Salmon-Lake Wenatchee ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; White River Assessment Unit; UC Implementation Schedule	Okay	\$360,000	
5 of 11	10-1657	A	Dally Wilson - White River Conservation	Chelan-Douglas Land Trust	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Sockeye Salmon-Lake Wenatchee ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; White River Assessment Unit; UC Implementation Schedule	Okay	\$59,000	
6 of 11	10-1790	A	Entiat Troy Acquisition 2010	Chelan-Douglas Land Trust	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Land Protection, Acquisition or Lease; Middle Entiat Assessment Unit; UC Implementation Schedule	Okay	\$205,000	
7 of 11	10-1788	P	Final Design and Permitting for Nason Creek N1	Chelan Co Natural Resource	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	Channel Connectivity, Off-Channel Habitat, Channel Reconfiguration; Nason Creek Assessment Unit; UC Implementation Schedule	Okay	\$130,000	Alternate
8 of 11	10-1851	R	Wenatchee Nutrient Enhancement - Salmon Toss	Upper Col Reg Fish Enhance	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Steelhead-Upper Columbia River DPS	Nutrient Enhancement; All Wenatchee Assessment Units; UC Implementation Schedule	POC	withdrawn	withdrawn

Upper Columbia Salmon Recovery Board						Regional Allocation:	\$2,180,850		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
9 of 11	10-1846	P	Wenatchee-Chiwawa ID Water Conservation Study	Chelan Co Natural Resource	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	N/A	Okay	\$110,500	Alternate
10 of 11	10-1845	P	Blackbird Channel Inlet Feasibility Study	Chelan Co Natural Resource	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Steelhead-Upper Columbia River DPS	Channel Connectivity, Off-Channel Habitat; Lower Wenatchee Assessment Unit; UC Implementation Schedule	POC	withdrawn	withdrawn
11 of 11	10-1780	P	Lower Icicle Creek Reach Assessment	Wild Fish Conservancy	Chinook Salmon-Upper Columbia River Spring-run ESU, Chinook Salmon-Upper Columbia River summer/fall-run ESU, Steelhead-Upper Columbia River DPS	Assessment – Mouth to Boulder Field; Icicle Creek Assessment Unit; UC Implementation Schedule	POC	withdrawn	withdrawn

Washington Coast Salmon Recovery Region



Washington Coast
Sustainable Salmon
Partnership
PO Box 2392
Ocean Shores, WA 98569

info@wcssp.org

J. Miles Batchelder,
Director
(360) 289-2499



Geography

The Washington Coastal Salmon Recovery Region includes all Washington river basins flowing directly into the Pacific Ocean. It is comprised of all or portions of Clallam, Jefferson, Grays Harbor, Mason, Thurston, Pacific, and Lewis Counties.

Water Resource Inventory Areas

Sol Duc-Hoh (20), Queets-Quinault (21), Lower Chehalis (22), Upper Chehalis (23), and Willapa (24)

Federally Recognized Tribes

Confederated Tribes of the Chehalis Reservation, Hoh Tribe, Makah Tribe, Quileute Tribe, Quinault Indian Nation, and Shoalwater Bay Tribe

Table 29: Washington Coast Salmon Recovery Region Listed Species

Species Listed	Listed As	Date Listed
Lake Ozette Sockeye	Threatened	March 25, 1999

Region and Lead Entities

The Washington Coast Sustainable Salmon Partnership is the recovery organization for the Washington Coast Salmon Recovery Region. There are four lead entities within the region.

Table 30: Washington Coast Salmon Recovery Region Recovery Plan

Recovery Plan	
Regional Organization	Washington Coast Sustainable Salmon Partnership
Plan Timeframe	Not applicable
Actions Identified to Implement Plan	Not applicable
Estimated Cost	Not applicable
Status	<p>The federal government adopted the Lake Ozette sockeye recovery plan May 29, 2010.</p> <p>The Washington Coast Sustainable Salmon Partnership has formed and is recognized as a regional salmon recovery organization. The partnership is beginning to develop a regional plan to sustain salmonid species and populations. The target date for completing this plan is April 2011.</p>
Implementation Schedule Status	An implementation schedule for the Lake Ozette sockeye recovery plan is being developed by the Lake Ozette Steering Committee.
Washington Coast Sustainable Salmon Partnership Web Site	http://www.wcssp.org/

Regional Area Summary Questions and Responses

The Washington Coast is in the process of developing a regional recovery plan and much of the requested information does not pertain to the coast as a region. The regional level questions that do not apply to the coast have been omitted. Project lists for the 2010 grant round were developed by at lead entity level and their responses can be found below in Table 34, Local Process Table.

Describe the process and criteria used to develop allocations across lead entities or watersheds within the region?

Determining the allocations among the Lead Entities within the Coast Region was difficult this year. In the past two years, the Lead Entities used a formula based upon weighting the habitat and species within each WRIA. However, the data used were inconsistent across the region and caused significant dissatisfaction with both the process and the result.

The Washington Coast Sustainable Salmon Partnership (WCSSP) attempted to resolve the conflict by holding an initial meeting of technical advisors in June 2009. No consensus was reached at this meeting, but the attendees agreed to consider the possibility of an allocation based strictly upon WRIA acreage.

The acreage-based proposal had some support, but it was not consistent among all Lead Entities. WCSSP staff expended significant time working with the Lead Entities individually and as a group to seek common ground on the various issues of concern. Still, no consensus was reached.

The WCSSP Board of Directors ultimately agreed by consensus to allocate the funds equally among the WRIAs, with each receiving twenty percent of the regional allocation. This decision was contingent upon the commitment to establish a Regional Technical Committee (RTC) which will be charged with presenting a recommendation for a funding allocation across the region to the Board by February 2011. The RTC was formally appointed at the September 22, 2010 WCSSP Board meeting and began meeting in October.

How was the regional technical review conducted?

The Washington Coast Region does not have a recovery plan or a Regional Technical Committee and there is no regional technical review process. Currently all technical review is conducted at the Lead Entity level.

WCSSP is in the process of developing a regional sustainability strategy. A final draft will be completed in spring 2011.

How did your regional review consider whether a project:

- Provides benefit to high priority stocks for the purpose of salmon recovery or sustainability? In addition to limiting factors analysis, SASSI, and SSHIAP¹¹, what stock assessment work has been done to date to further characterize the status of salmonid species in the region?

¹¹ SASSI = Salmon and Steelhead Stock Inventory; SSHIAP=Salmon and Steelhead Habitat Inventory and Assessment Program

North Pacific Coast Lead Entity: The Technical Committee for the North Pacific Coast LE (NPCLE) relies primarily on SASSI for stock assessments, but depending upon the project site SASSI is supplemented with tribal survey data, spot surveys available from outside scientific studies, and USFS survey data.

Grays Harbor County Lead Entity: The *Salmonid Profile for the Chehalis Basin* is a reference tool describing known salmonid species and stocks within WRIA 22 & 23. The salmonids covered include Chinook, chum, coho, cutthroat, steelhead, and bull trout. The profile relies on existing published information and often contains excerpts taken directly from the published sources as noted. The salmonid profile is not a comprehensive examination of all species and their stocks within the Chehalis Basin. Furthermore, it does not represent all documentation that exists for the basin. To obtain specific data for a species or a stock, such as escapement numbers, reviewers are referred to the original publications.

The Chehalis Basin Partnership intends to review the profile annually to provide the reader with the most recent information available. Species or stocks listed as "depressed" by SASSI in the Profile are priority stocks for selecting projects. Other priority stocks include ESA-listed species in the watershed or historic extirpated runs within a sub basin.

Pacific County Lead Entity: The key source of information is the Water Resource Inventory Area 24 Limiting Factors Analysis. This information is supplemented by other sources such as a partial watershed assessment for the Naselle and Nemah watersheds, a completed Willapa watershed assessment, the Willapa Bay estuarine assessment, and other watershed analyses. The Willapa Bay Water Resource Inventory Area 24 *Strategic Plan for Salmon Recovery* also incorporates stock data from Washington Department of Fish and Wildlife and National Oceanic and Atmospheric Administration, escapement data for salmonid stocks within Willapa bay, and Hatchery Scientific Review Groups Stock Status table.

Quinault Nation Lead Entity: In the sense that these projects target critical stocks, habitat, and habitat processes as stated in the Strategy, benefits to these species were considered. Stock assessment work is performed in the Quinault and Queets River systems. This involves spawning ground surveys, harvest management, and run reconstruction for the following stocks. SASSI number follows stock name:

Queets – Fall Chinook (1365), Spring/Summer Chinook (1360), Coho (3470, 3480), Winter Steelhead (6483);

Quinault – Sockeye (5700), Fall Chinook (1397), Spring/Summer Chinook (1392), Coho (3510), Winter Steelhead (6518).

- Addresses cost-effectiveness?

North Pacific Coast Lead Entity: Cost-effectiveness was considered under the “likelihood of success” criteria and “budget” criteria, where proposed expenses are evaluated specifically for being reasonable and whether critical expenses are adequately covered.

Grays Harbor County Lead Entity: Cost-effectiveness is considered within the “likelihood for success” criterion.

Pacific County Lead Entity: Cost-effectiveness is addressed as a specific criteria in the evaluation process.

Quinault Nation Lead Entity: Project cost effectiveness was considered when project final design was not clear and design-only was adopted as the approach. Cost effectiveness, although considered, is not a criteria for project ranking.

Table 31: Coast Local Review Processes

Lead Entity		Grays Harbor County Lead Entity	
Evaluation Criteria	<p>Fish</p> <ul style="list-style-type: none"> • Status of stocks benefited • Number of stocks benefited <p>Partnership and outreach</p> <ul style="list-style-type: none"> • Outreach plan • Partner contribution (matching) • Volunteer participation 	<p>Habitat</p> <ul style="list-style-type: none"> • Barrier removal (quantity, quality, culvert rank) • Acquisition (quantity, quality – threat, quality) • Enhancement/restoration projects (quantity, alignment with sub-basin priorities) • Combination projects (quantity, quality, alignment with sub-basin priorities) • Assessment, design, research 	<p>Likelihood for success</p> <ul style="list-style-type: none"> • Qualification of project manager • Monitoring program • Cost-appropriateness • Design and site appropriateness • Land owner participation
Technical Advisory Group	<p>Organizations represented: Washington Department of Fish and Wildlife, Thurston Conservation District, Washington Coast Sustainable Salmon Partnership, Grays Harbor County, U.S. Fish and Wildlife Service, Thurston County</p> <p>Technical specialties represented: Water quality, community development, fisheries biologist, conservation district manager, outreach specialist, forestry.</p>		
SRFB Review Panel Participation	<p>SRFB Review Panel members participated in a project site tour and developed comments for consideration by project sponsors, who were instructed to incorporate their comments into final applications.</p>		
Use of Implementation Plans or Habitat Work Schedule	<p>The Chehalis Basin Salmon Habitat Restoration and Preservation Work Plan is not a multi-year implementation plan but does identify short- and long-term voluntary restoration and protection actions.</p>		
How Comments Addressed	<p>The technical and citizen groups provide continual feedback throughout the project development process so most issues have been addressed by the project ranking step.</p>		
Lead Entity		North Pacific Coast Lead Entity	
Evaluation Criteria	<p>Project strategy</p> <ul style="list-style-type: none"> • Preservation/Protection • Assessment/Monitoring • Restoration of processes (long- 	<p>Habitat and Biology Addressed:</p> <ul style="list-style-type: none"> • Habitat quality • Habitat quantity • Salmonid life history 	<p>Likelihood of Success</p> <ul style="list-style-type: none"> • Appropriate project sponsor • Likelihood of satisfying the granting agency

	<p>term)</p> <ul style="list-style-type: none"> • Restoration of physical habitat (short-term) • Reconnect fragmented/Isolated habitat <p>Project Method Type Project categories</p> <ul style="list-style-type: none"> • Acquisition/Easement • Fish Passage • Road decommissioning, Drainage/stabilization, floodplain/wetland • Large woody debris placement • Invasive species control • Riparian planting • Instream structure removal abandonment and or improvement/replacement 	<ul style="list-style-type: none"> • Species diversity • Riparian forest and native vegetation • Sediment control • Connectivity 	<ul style="list-style-type: none"> • Accuracy of budget • Investment in long-term restoration • Urgency for immediate implementation • Qualifications • Local community support
Technical Advisory Group	<p>Organizations represented: Hoh Tribe, Washington Department of Fish and Wildlife, U.S. Forest Service, Wild Salmon Center, Makah Tribe, Hoh River Trust, Clallam Conservation District, Quileute Tribe, Clallam County, Jefferson County, Forks, independent consultant, Pacific Coast Salmon Coalition, NOAA, Coastal Watershed Institute.</p> <p>Technical specialties represented: Habitat biologist, Restoration Engineer, Fisheries biologist, Geologist, Hydrologist, Civil engineer, Marine ecologist</p>		
SRFB Review Panel Participation	SRFB Review Panel members participated in a project site tour and provided written feedback based on the site visit.		
Use of Implementation Plans or Habitat Work Schedule	The North Pacific Coast Lead Entity does not yet have a habitat restoration work plan developed but uses project prioritization lists appended in its habitat restoration strategy to provide the list of potential projects for specific basins.		
How Comments Addressed	The process allows for most issues to be address before the formal project review and ranking. Two projects were withdrawn by sponsors and one flagged projects was submitted for funding.		

Evaluation Criteria	<p>Benefits to salmon</p> <ul style="list-style-type: none"> • Based upon limiting factors analysis and Technical Advisory Group input • Social, economic, environment • Technical management • Scoring guidelines include evaluation of: <ul style="list-style-type: none"> ○ Sponsor – Management approach, track record ○ Pre-engineering, planning completed ○ Impact on roads, utilities, access, land use, flood hazard, and water use ○ Project impact on public use of the project area and changes as a result of project ○ Non-salmon ecosystem effects on wildlife habitat resources ○ External risks to project ○ Public support and opinion of the project ○ Impact of the project on local economy in terms of job, tax base ○ Public outreach and education by Involving the public in salmon restoration ○ Impact of the project to the quality of life around the project
Technical Advisory Group	<p>Organizations represented: Ducks Unlimited; Washington Departments of Fish and Wildlife, Ecology, Natural Resources, Pacific County RC&D, Washington State Department of Agriculture, Pacific County Conservation District</p> <p>Technical specialties represented: Not identified</p>
SRFB Review Panel Participation	SRFB Review Panel members participated in a project site tour and provided feedback based on the tour.
Use of Implementation Plans or Habitat Work Schedule	<p>Does not have a multiyear implementation plan in place, but planning to have one completed for next year's grant cycle.</p> <p>The projects being proposed this year are in the strategic plan and are also incorporated into the Habitat Work Schedule.</p>
How Comments Addressed	All comments were reviewed by the sponsor, committees, and lead entity. The comments were beneficial to all and were a efficient collaborative effort.
Lead Entity	Quinault Nation Lead Entity
Evaluation Criteria	<ul style="list-style-type: none"> • Watershed priority • Species priority • Does the project address priority process for its watershed? • Does the project address priority habitat for this watershed and stock? Other stocks of concern? • Does the project address priority limiting factor identified in watershed and for this stock? • Breadth of effect

	<ul style="list-style-type: none"> • Certainty of success • Response time • Measuring success • If the project is an assessment project, does it address a data gap identified in the strategy, limiting factors analysis, or specific watershed analysis? • If the project is an assessment project, does it lead directly to an identified project? • Does the project address, or is it in conflict with, an issue of documented community interest?
Technical Advisory Group	<p>Organizations represented: Olympic National Park, U.S. Forest Service, Washington Department of Fish and Wildlife, Quinault Indian Nation</p> <p>Technical specialties represented: salmon biologist, fisheries biologist, habitat biologist, and forester</p>
SRFB Review Panel Participation	SRFB Review Panel members participated in a project site tour and then provided comments based on the tour.
Use of Implementation Plans or Habitat Work Schedule	Did not address.
How Comments Addressed	Comments by the Review Panel and Technical Review Group about costs lead to sponsors to change three projects to design only.

Project List Summary Table

Following is a project list summary table, reflecting the region's lead entities project list as of November 19. The Washington Coast Salmon Recovery Region has 17 projects, totaling \$1,919,500. Of the projects submitted there are one alternate and three conditioned. The coastal lead entities have until December 8 to make any final adjustments to project funding levels. Depending upon the determination of the region, the total dollar amount and project list may be amended by December 8 for approval at the December 10 SRFB funding meeting.

Table 32: Washington Coast Salmon Recovery Region Project List Summary

Washington Coast Sustainable Salmon Partnership						Regional Allocation:		\$1,809,000		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate	
Lead Entity:		Grays Harbor County				Lead Entity Allocation:		\$709,101		
1 of 4	10-1412	P	Grays Harbor Juvenile Fish Use Assessment	Wild Fish Conservancy	Chinook Salmon-Washington Coast ESU, Chum Salmon-Pacific Coast ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Southwest Washington DPS	Page 4, Grays Harbor Estuary, goal to develop estuary management plan and addresses critical data gap to guide future projects	Condition	\$164,500		
2 of 4	10-1345	R	Davis Creek Fish Barrier Correction	Chehalis Basin FTF	Chinook Salmon-unidentified ESU, Chum Salmon-Pacific Coast ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Southwest Washington DPS	Pages 171-172, Garrard Creek Sub-basin, restore access	Approved	\$248,601		
3 of 4	10-1354	A	Mills Property Acquisition 2010	Heernett Environmental Found	Chinook Salmon-Washington Coast ESU, Chum Salmon-Pacific Coast ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Southwest Washington DPS	Pages 186-187, Stearns Creek Sub-basin, restore access	Okay	\$240,000		
4 of 4	10-1234	R	Mill Creek Fish Passage Project	Lewis County Conservation Dist	Coho Salmon-Southwest Washington ESU	Pages 259-260, Scatter Creek Watersehd, preserve functioning riparian areas	Okay	\$56,000		

Washington Coast Sustainable Salmon Partnership						Regional Allocation:		\$1,809,000	
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
Lead Entity: North Pacific Coast						Lead Entity Allocation:		\$232,500	
1 of 3	10-1794	R	Camp Creek Culvert Replacement	Pacific Coast Salmon Coalition	Chinook Salmon-Washington Coast ESU, Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS, Steelhead/Trout-unidentified DPS	Page 19 Sol Duc Watershed, Barrier correction #1 top priority project	Okay	\$162,500	
2 of 3	10-1848	P	Mill Creek Preliminary Design	Pacific Coast Salmon Coalition	Chinook Salmon-Washington Coast ESU, Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Page 17 Bogachiel Watershed, #1 priority for barrier correction	Okay	\$70,000	
3 of 3	10-1853	P	Sol Duc River Assessment and Outreach	Wild Fish Conservancy	Chinook Salmon-Washington Coast ESU, Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Not identified as priority in LE Strategy, but interpreted as needed from earlier assessments	POC	withdrawn	withdrawn
Lead Entity: Pacific County						Lead Entity Allocation:		\$505,708	
1 of 3	10-1652	R	Bear River Estuary Restoration-Construction	Willapa Bay RFEG	Chinook Salmon-Washington Coast ESU, Chum Salmon-Pacific Coast ESU, Chum Salmon-unidentified ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Southwest Washington DPS	Pages 67 and 99, Bear and Naselle Watersheds. High priority project - dike removal and estuarine restoration	Okay	\$402,402	

Washington Coast Sustainable Salmon Partnership						Regional Allocation:	\$1,809,000			
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate	
2 of 2	10-1916	R	Green Creek Weir Removal	Pacific County Anglers	Chinook Salmon-Lower Columbia River ESU, Chinook Salmon-Washington Coast ESU, Chum Salmon-Pacific Coast ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Southwest Washington DPS, Steelhead/Trout-unidentified DPS	Page 61-62, Willapa Watershed, providing access to additional salmon habitat	Condition	\$103,306		
3 of 3	10-1658	R	Ellsworth Creek Restoration	The Nature Conservancy	Coho Salmon-Southwest Washington ESU, Steelhead-Southwest Washington DPS	Page 68-69, Ellsworth Creek Watershed, providing access to additional salmon habitat	Condition	\$110,500	Alternate	
Lead Entity:		Quinault Nation				Lead Entity Allocation:		\$361,691		
1 of 7	10-1743	R	QIN Open Channels in Cook Creek Basin	Quinault Indian Nation	Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Page 12, Quinault watershed, remove manmade barriers	Okay	\$8,174		
2 of 7	10-1745	P	QIN F-17 Road Impounded Pond Enhancement Design	Quinault Indian Nation	Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Page 12, Quinault watershed, restore access to off channel habitat, restore hydrologic function	Okay	\$8,800		

Washington Coast Sustainable Salmon Partnership						Regional Allocation:	\$1,809,000		
Rank	Project Number	Type	Name	Sponsor	Primary Fish Stock Benefitted	Priority in Recovery Plan or Strategy	Project Status	Grant Amount	Partial or Alternate
3 of 7	10-1891	P	QIN S.F. Salmon River Culvert Replacement Design	Quinault Indian Nation	Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Pages 13, Queets watershed, repair barrier culverts	Okay	\$16,500	
4 of 7	10-1557	R	QIN Trib to N.F. Moclips Open Channels Project	Quinault Indian Nation	Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Page 15, "Other basins" Moclips River, remove man made barriers	Okay	\$9,402	
5 of 7	10-1744	P	QIN F-15 Road Impounded Pond Enhancement Design	Quinault Indian Nation	Coho Salmon-Olympic Peninsula ESU, Steelhead-Olympic Peninsula DPS	Page 12, Quinault watershed, restore access to off channel habitat, restore hydrologic function	Okay	\$8,800	
6 of 7	10-1767	R	Donkey Creek Culvert - 2010	Pacific Coast Salmon Coalition	Chinook Salmon-Washington Coast ESU, Coho Salmon-Olympic Peninsula ESU, Sockeye Salmon-Quinault Lake ESU, Steelhead-Olympic Peninsula DPS	Page 12, Queets watershed, repair barrier culverts	Okay	\$300,055	
7 of 7	10-1892	R	Quinault 4300 Road-Additional funding	Quinault Indian Nation	Coho Salmon-Olympic Peninsula ESU, Coho Salmon-Olympic Peninsula ESU, Coho Salmon-Olympic Peninsula ESU	Page 15	Approved	\$9,960	